ADMINISTRATION REPORT

OF THE

MUNICIPAL COMMISSIONER

FOR THE

CITY OF BOMBAY

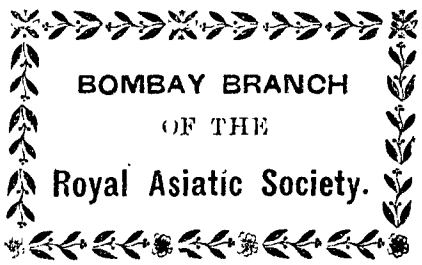
FOR THE YEAR 1928-29.

12
10
44

00133778

BOMBAY:
THE TIMES OF INDIA PRESS.

1929.



Digitized with financial assistance from

Government of Maharashtra

on 01 February, 2020

00133778

Review by the Standing Committee of the Administration Report of the Municipal Commissioner for the City of Bombay for the Year 1928-29.

Corporation and Standing Committee.

Dr. G. V. Deshmukh, M.D. (Lond.), F.R.C.S. (Eng.), was the President of the Corporation and Mr. J. B. Baman-Behram, B.A., LL.B., was the Chairman of the Standing Committee for the year.

2. 103 meetings were held by the Corporation and 72 by the Standing Committee, as against 132 and 71 held in the preceding year. There were 81 meetings of the Sub-Committees of the Standing Committee during the year as against 111 in the year previous. There were, besides 262 meetings of Committees of the Corporation and 186 of their Sub-Committees as against 256 and 170 respectively in the year preceding. During the year, the Corporation presented two Addresses, *viz.*, (1) an Address of Welcome to the Right Honourable Sir Frederick Hugh Sykes, P.C., G.C.I.E., G.B.E., K.C.B., C.M.G., Governor-Designate of Bombay and (2) a Farewell Address to His Excellency Lieut.-Colonel the Right Honourable Sir Leslie Orme Wilson, P.C., G.C.I.E., C.M.G., D.S.O., the retiring Governor of Bombay.

Commissioner.

3. Mr. H. B. Clayton, C.I.E., M.A., I.C.S., resigned the post of Municipal Commissioner on the 1st December 1928, and Mr. A. R. Dalal, M.A., I.C.S., took charge of the office on the same date.

Financial.

Income.

4. The Financial Statement of the Chief Accountant shows that the income for the year under review which was Rs. 3,15,33,383, was less by Rs. 1,74,905, while the expenditure was Rs. 3,27,50,278, which exceeded the income by Rs. 13,04,403, compared with the preceding year. The year's transactions thus resulted in a deficit of Rs. 12,16,895. This is the third time during the last decade that the expenditure has exceeded the income, the previous years being the years 1920-21 and 1923-24. But the deficit was the largest since 1865 and resulted in reducing the Surplus Cash Balance from Rs. 59,95,347 to Rs. 44,86,088. The Budget Estimates for the year under report anticipated a deficit of Rs. 5,93,942 and the Revised Estimates a deficit of Rs. 18,14,309, but the close of the year showed the actual deficit at Rs. 12,16,895. The estimated Revenue for the year was Rs. 3,27,43,589, but the actual realisations fell short by about Rs. 12·10 lakhs. The aforementioned decrease was due mainly to diminished returns from the General Tax (6·18), the Water Tax (6·01), the Halalkhore Tax (·97), the Wheel Tax (·60) and the Fire Tax (·37). The decrease in the returns from the property taxes was due to the arrears due from the G. I. P. Railway to the extent of about 8·47 lakhs, which amount the Railway have withheld claiming preferential treatment for their properties on the ground that they are state-managed. The dispute has been referred to the Government of Bombay for the decision of the Government of India, which is awaited. The receipts from Mills also fell short by Rs. 2·18 lakhs, owing to the closure of Mills due to a protracted labour strike. There was again a slight decrease

in receipts under Primary Education owing to non-payment by Government of their full contribution according to the Municipal claim. The total amount due from Government upto the end of the year of report comes to Rs. 19,62,000 in round figures. Other decreases are minor ones. On the other hand there was an increase of Rs. 4·14 lakhs in respect of Interest and Profit on Investments. The net income for the year fell short of that of the previous year by Rs. 1·74 lakhs. It is unfortunate that the income has been steadily shrinking for the last 3 years. It was 321·35 lakhs in 1926-27, declined to Rs. 317·08 lakhs in 1927-28 and to Rs. 315·33 in the year of report.

Expenditure.

5. The estimated expenditure at the opening of the year was Rs. 3,33,37,531. It increased to Rs. 3,37,43,063, in the Revised Estimates, but the final expenditure was Rs. 3,27,50,278 at the close of the year. The total increases amounted to Rs. 20·19, the larger increases being in respect of Debt Charges (8·78 lakhs) and contribution to the Bai Jerbai Wadia Children's Hospital (7 lakhs). This increase was counterbalanced by a decrease of Rs. 7·14 lakhs, of which the principal items were in respect of Primary Education (1·07 lakhs), Roads and Overbridges (1·28 lakhs), Cleansing and Repairing of Port Trust Wharves and Roads, etc. (1·30 lakhs), and Loan Works Establishment (·55 lakhs). The net increase over the previous year's actuals was thus Rs. 13·04 lakhs. The expenditure has been steadily increasing during the last 3 years ; in 1926-27 it was Rs. 301·62 lakhs, it rose to Rs. 314·45 lakhs in 1927-28 and then to Rs. 327·50 lakhs in the year of report. Appendix No. 21 to the Chief Accountant's report shows that the income reached its highest point in the year 1926-27, and then began to decline, whereas the increase in the expenditure has been rising, with the result that the year under report discloses a debit balance of Rs. 12·16 lakhs as already stated. It may be noted that these years have not been without any stringent measures towards economy and it is difficult to visualise the results had the expenditure not been subjected to retrenchment. These facts strengthen the belief that the present sources of income have reached the maximum limit of their yield, while the increasing expenditure points to the urgency of finding new sources of revenue. The Retrenchment and Reforms Adviser has, it is understood, made some useful suggestions to the Retrenchment and Reforms Enquiry Committee in regard to tapping additional sources of income and it is hoped that in the interest of Municipal finance and for the promotion of civic amenities an early decision will be reached in the matter.

Outstandings.

6. The outstandings at the close of the year were about Rs. 22 lakhs as against about Rs. 16 lakhs in the preceding year. Para. 6 of the Chief Accountant's report shows, that except in regard to the wheel tax and the meter hire, the arrears have increased all round. The percentage of outstandings to net demand is 8·47 and is the largest since the year 1923-24. These results are again at first sight discouraging, for, even if allowance be made for the dues of Rs. 8·47 lakhs from the G. I. P. Railway, the outstandings from the public have increased from Rs. 2·41 lakhs in 1927-28 to Rs. 3·91 in 1928-29. It has been stated that the mill strike was in a great measure responsible for these large overdues inasmuch as the millhands being out of work could not pay rents of the chawls occupied by them and the owners thereof being unable to pay the Municipal taxes deferred payments. As these contingencies were beyond the control of the Executive, the large outstandings in the year of report were inevitable.

Loan Liabilities.

7. The loan liability of the Corporation has been decreasing on account of the restrictive policy adopted by the Corporation in regard to their future commitments. The total debt at the end of the preceding year was Rs. 18,74,72,395,

which was reduced at the end of the year of report to Rs. 18,48,59,325. No new loans were raised during the year and Rs. 26,13,070 were repaid. The debt mentioned above is made up of Rs. 9,60,82,325, borrowed from Government and Rs. 8,87,77,000 from the public. Against this liability is the Sinking Fund of Rs. 3,07,67,782, which reduces the debt liability to Rs. 15,40,91,543. Para. 22 of the Chief Accountant's report shows the allocation of outstanding debt under three different groups,*viz.*, General Services, the Self-supporting Services, and the Development Schemes, with a view to appraising the distinctive character and value of the outlay. The General Services account for a debt of Rs. 7,82,32,370, the interest and sinking fund charges in respect of which amount to Rs. 53,52,991. The Self-supporting Services, *i.e.*, Water Works and Markets and Slaughter-houses, are responsible for a debt of Rs. 8,66,52,317 and necessitate a provision of Rs. 60,63, 421 in respect of interest and sinking fund. The Development Schemes account for a debt of Rs. 1,99,74,638, the interest and sinking fund charges in respect of which amount to Rs. 19,05,757. In the Self-supporting Services, the Water Works do not meet their own cost. Para. 28 of the Chief Accountant's report shows that while the income during the year from this source was Rs. 64,44,763, the expenditure was Rs. 68,46,601, showing a debit balance of Rs. 4,01,838. In the year 1927-28, there was also a deficit of Rs. 1,05,412. Although it is a wholesome principle that the charges for water should be adjusted in such a way as not to result in any large profit to the Municipality, there is no justification for incurring a loss on the Water Works when they ought to be by their very nature self-supporting. It will, therefore, be necessary to consider the desirability of either readjusting the water rates or reducing the expenditure so as to avoid deficits in this respect in future. Turning to Markets and Slaughter-houses, it will be seen that, whereas the income was Rs. 12,07,276, the expenditure was Rs. 7,79,004, showing a net saving of Rs. 4,28,272. The Development Schemes constitute a class by themselves. The post-war economic conditions were not without their effect on the land market and with the best efforts of the Executive, the plots of land in the Development Schemes could not be sold or let out at anything like a fair rate. The result was, that the programme of repayment of loans in respect of these schemes was frustrated and finally relief had to be given from revenue. The financial failure of the Development Schemes led to useful suggestions being made in the past by the Standing Committee in their reviews on the Administration Reports, the chief of which was that the land in these schemes should be cut up into chess-board plots to facilitate and accelerate sale. But even this measure does not seem to have any appreciable effect. In view of the keen competition the Municipality has to face with the Improvement Trust, the Port Trust and the Development Directorate in the land market, it is high time now that some means were devised to expedite the sale of Municipal plots.

Capital Works.

8. Para. 18 of the Chief Accountant's report deserves particular attention. It is to be regretted that in spite of repeated comments in the past years, the disparity between the Budget Estimates and the Actuals in respect of capital works is increasing. The percentage by which the actuals fell short of the Budget Estimates in the year 1925-26 was 12, which rose to 20 in 1926-27, and again to 23 in 1927-28 and finally to 24 in the year of report. It must be mentioned that the original demands made by the Heads of Departments in the year of report amounted to Rs. 90,60,435 and they were cut down by the Commissioner to Rs. 76,51,429 and were further reduced by the Standing Committee and the Corporation to Rs. 73,09,929, on the assurance of the Executive that this amount was their minimum requirement. The real disparity, therefore, is not that between the amount finally sanctioned and the actuals, which is about 24 per cent, but that between the amount originally demanded and actually spent, which works out at more than 45 per cent. The Chief Accountant in his comments in this connection observes: "These large variations between Estimates and Actuals of Capital Expenditure under several service heads do suggest that the Heads of

Departments fail to exercise due care and caution in framing these estimates," It is inconceivable how this could occur when the conditions of labour and prices of materials had settled down within calculable limits. These comments should not be interpreted in the sense that no balances should be allowed to remain in hand even by effecting economies. What is necessary in the interest of proper budgetting is that only those works or so much of them as would be completed during the year should be provided for.

Lapsed Grants.

9. Turning to the Revenue expenditure, it is a relief to find that the disparity between the grants sanctioned and the expenditure incurred is less marked here. The balances left unspent were Rs. 14,33,467 and were the lowest on record during the last quinquennium. The total lapsed grants required to be renewed in 1929-30, were Rs. 8,28,858, against Rs. 6,39,035, in 1928-29. This amount is made up of Rs. 2,19,533 in respect of interest charges on Municipal debentures due but not paid upto the end of the year and of Rs. 6,09,325 for meeting liabilities incurred and to be incurred. The Budget transfers, however, increased from Rs. 2,47,619 in 1927-28 to Rs. 5,61,753 in 1928-29. This growing practice of re-appropriation of grants needs to be checked.

General.

10. The incidence of taxation during the year was Rs. 20-13-4, the lowest on record during the last quinquennium. The ratable value per head of population was Rs. 97-1-1, the second highest ever reached. As against this the net debt per head was Rs. 117-5-1, the second lowest figure reached during the last quinquennium. The statistics collected by the Research Bureau show that while the City of Bombay is the most heavily taxed in India, it is a city which has the best health record. The real test in such cases is not the index figure of taxation but the return given to the tax-payer. The gross debt liability has been reduced by Rs. 26,13,070, whereas the ratable value has increased by Rs. 17,70,048. The margin of borrowing powers has increased from Rs. 639 lakhs to Rs. 701 lakhs. The Municipal finances are not, however, still out of difficulties. The New Drainage and Sewerage Schemes are to be pushed through at an approximate cost of Rs. 2 crores; the compulsory Primary Education Scheme, together with the programme of constructing school buildings, will require a large outlay. The Improvement Trust, if taken over, would burden the finances of the Municipality further and although a legislative provision to increase the borrowing powers has been asked for in this connection, it must be pointed out that the ultimate liability to liquidate the debt is on the tax-payer whose taxable capacity will be by then fully strained. Taking a prospective view of the municipal finances it seems highly desirable to proceed with the utmost caution and circumspection. The urgency of exploring new avenues of income was pointed out in the previous reviews and the Standing Committee are glad to note that their suggestions for a vacant land tax and a small charge on refunds of Town Duty have been accepted by the Retrenchment and Reforms Adviser and the Executive. It will be some time before these proposals fructify. In the meantime, it is for the Executive to examine the present sources of revenue and remedy any breaches or leakages by which the Municipality is deprived of its legitimate income.

Assessment and Collection.

11. There was no variation in the rates of taxation during the year except for water by meter measurement. The Cotton Mills received a further relief by way of reduction in the water rate from Ans. 12 to 10. The water charges to Hotels were reduced from Re. 1 to Ans. 12, and to Railways, the Port Trust, Stables, etc., from Re. 1 to Ans. 14. The only exception to this general reduction was the Race Course, in which case, the rate was increased from Ans. 8 to Ans. 12, a rate,

however, still much less than that charged to the public bodies mentioned above. The result of these reductions has been a deficit in the Water Works Budget, comments in regard to which appear in para. 7 of this review. The total net demand for Property and Wheel Taxes was Rs. 2,59,90,599, against which the total collections were Rs. 2,37,93,158, showing an increase in demand of Rs. 2,05,571 and a decrease in collection of Rs. 3,52,989 compared with the corresponding figures of the last year. The total collections fell short of the estimated amount of Rs. 2,47,47,600 by Rs. 9,54,442, the decreases in respect of the Water Tax being 5·61 lakhs and the General Tax 3·76 lakhs. The aggregate outstandings were according to the Assessor and Collector Rs. 21,97,440 and according to the Chief Accountant Rs. 22,00,890, against the corresponding figures of Rs. 16,38,880 and Rs. 16,04,461 in 1927-28. The reasons for these large outstandings have been explained in para. 6 of this review. The outstandings were, however, reduced to Rs. 15,38,304 by the 30th June 1929. The number of properties in the City including buildings, salt-pans, lands, etc., increased from 47,198 to 47,705, thus raising the ratable value of properties from Rs. 12,57,19,783 to Rs. 12,74,89,831, *i.e.*, an increase of Rs. 17·70 lakhs. The rise in the number of buildings was from 36,320 to 36,377. The number of properties actually assessed was 37,865, the number exempted under Section 143 (1) (*a*) and (*b*) being 1,706 and the number of waste lands exempted was 6,036. Proposals to make the vacant lands in the City liable to Municipal taxation are under consideration.

Assessment Reform.

12. The question of improving the system of assessment and collection has been engaging attention for some years past. A report was prepared by Mr. T. H. Bird, Test Audit Officer, suggesting some radical changes in the working of the department. After having gone through different Committees, this report is now finally receiving consideration by the Retrenchment and Reforms Enquiry Committee. It is understood that the Committee have finished their deliberations on the subject and their recommendations will be before the Corporation ere long. The main feature of Mr. Bird's report is the adoption of the principle of direct payment of Municipal taxes on the lines followed by every enlightened Municipality in the West. The present method with its attendant delays was devised when the City had not developed to its present dimensions. The inherent draw backs in the existing system make the rate-payer less alive to his responsibility to pay the taxes and shift the responsibility to the tax-collector to collect the taxes. It is estimated, that if this reform is introduced, there would be a saving of Rs. 50,000 in respect of establishment only. Proposals for the consolidation of property taxes with the exclusion of the Water Tax have already been approved by the Corporation and amendments to the Municipal Act in the matter are, it is understood, being drafted by the Municipal Solicitors. Proposals in regard to assessment of Government properties are also before the Law, Procedure and Elections Committee. When all these proposals materialise, the Municipality will, it is expected, have better returns with a less irksome procedure.

Public Works.

Special Branch.

13. Conditions of labour and prices of materials being favourable, most of the works budgetted for were taken in hand. A brief resumé of the works finished, those underway, and those planned but not undertaken for financial reasons, is given under various heads on pages 149 to 159. The table of information in connection with the Development Schemes printed at pages 161-162 throws a great deal of light on the financial aspect of these undertakings. The number of cases falling under the schemes was 830, the area acquired 1,264,563 sq. yards and the expenditure incurred upto the end of the year Rs. 3,73,43,382. An area of 619,047 sq. yards was utilised for roads and of 201,133 sq. yards for

parks, etc. The area available for sale was 601,322 sq. yards, which was estimated to bring in Rs. 3,33,11,991. It will be seen that the proportion of the area available for sale to the area acquired is nearly 50 per cent. The amount realised by the sale of surplus land in the schemes was Rs. 11.76.231. The area disposed of is not mentioned. From another table printed at pages 163-164, it will be seen that the rental recoveries by the Acquisition Branch during the year amounted to Rs. 6,80,041, against Rs. 7,94,753 in the year preceding, although the number of tenancies had increased from 2,359 to 2,407. The rental recoveries showing an inverse ratio to the number of tenancies indicate the depressed state of the land market. The Standing Committee are constrained to note that the Land Acquisition and Management Department ought to be re-organised and a register of Municipal lands should be carefully maintained. In view of the important part this Branch will play in future with so many developed and undeveloped estates on hand, the Corporation, on the recommendation of the Retrenchment and Reforms Enquiry Committee, propose to create a separate branch to look after this work with a responsible Officer at the head.

Main Drainage and Sewerage Schemes.

14. The Standing Committee regret that though the Main Drainage and Sewerage Schemes were submitted by the Executive long ago, it has not been possible to make a start owing to acute controversies as to the merits of the different schemes. Alternative schemes were called for, examined and criticised. The Commissioner has now submitted a new scheme recommending the adoption of the activated sludge process and an outfall at Worli Point. This scheme is expected to cost Rs. 190 lakhs, a little less than the Antop Hill Terminal Scheme, which was expected to cost about Rs. 2 crores. As the Executive have tried their utmost to meet every conceivable objection by amending the scheme no less than three times, it is hoped that there will be no further delay in arriving at a final and satisfactory decision in the matter and that it will be possible to undertake the work at least in the next fair season. It will be realised that the drainage system forms an integral part of a scheme for the improvement of the sanitation of the city. Conversion of basket privies into water closets will do little good without an efficient system of drainage and when the Corporation have adopted the policy of granting subvention for conversion of privies, the improvement of the drainage system of the North should no longer be delayed. The Corporation's prolonged indecision in this matter has arrested the development of the North of the city into a healthy resort, with the result that people have begun to migrate in large numbers to the suburb, which have in consequence been developing fast during the recent years to the detriment of Municipal development schemes for the North. It is, therefore, urged that the Main Drainage and Sewerage Schemes should be pushed through with the least possible delay.

Workshops.

15. The total expenditure in respect of works at the Municipal Workshops during the year of report amounted to Rs. 3,78,943, against Rs. 3,81,215, and Rs. 4,67,793 in the two preceding years. The gradual reduction of turnover is ascribed to the stoppage of Capital Works and decreased departmental grants. The loss made in the working of the department was Rs. 21,327, against a similar loss of Rs. 27,686, in the previous year. The system of charging 50 per cent. on the cost of labour only instead of at a flat rate of 25 per cent. on the total cost of labour and materials was adopted from the 1st of October 1928. The expenditure incurred in respect of overhead charges was Rs. 97,831, whereas the recoveries under the same head at the rate of 25 per cent. on the actual value of labour and materials used on works upto 30th September 1928, and at the rate of 50 per cent. on the cost of labour alone from 1st October 1928, together with profits made by hire of Pumping plant and sale of coal ashes, etc.,

amounted to Rs. 76,503, thus showing a deficit of Rs. 21,328 in this respect. It is stated in para. 54 of the Executive Engineer's Report that even the new system of charging will need revision so as to meet the moiety of the pay of the Mechanical Engineer's post now wholly charged to Pumping and Air compressor stations. The Commissioner's proposal to increase the overhead charges from 50 per cent. to $66\frac{2}{3}$ per cent. with effect from the year 1929-30, is under the consideration of the Engineering and Land Acquisition Sub-Committee of the Standing Committee. Attempts are being made to effect retrenchment in the Establishment at the Workshops and a report submitted by Mr. A. E. Williams of the G. I. P. Railway in the matter is receiving the consideration of the same Sub-Committee. At the suggestion of the Retrenchment and Reforms Enquiry Committee one of the superior posts has already been reduced.

Roads.

16. Out of 215 miles of roads in the City, 30·551 miles have hitherto been asphalted, the length done by the Municipality being 22·415 miles and by the Improvement Trust 8.136 miles. During the year of report, the Municipality asphalted a length of 3·608 miles and the Trust 1·284 miles. The actual expenditure incurred by the Municipality during the year in this respect was Rs. 4,74,522. The actual cost of the various methods of road construction worked out less than last year except in the case of mixed macadam. Forty-three private streets were improved and six declared public, the expenditure incurred on the improvement of private streets being Rs. 28,244. About 4,358·68 sq. yards were added to the road area as set-backs at a cost of Rs. 38,211. The amounts spent on set-backs during the last 20 years are given in para. 153 of the Executive Engineer's report and they aggregate over Rs. 84 lacs. In addition to the operations referred to above, the Municipality repaired and maintained 4,635,988 sq. yards of water bound macadam roads at a cost of Rs. 3,13,366, the rate for repairs being slightly lower than in the previous year. During the year, 33·18 miles of roadway were dug out for laying underground mains, etc., by the different departments of the Municipality, the several Public Utility Companies and Government. The proposed amalgamation of the Drainage and the Roads departments is expected to minimise the extent of road excavations.

Lighting.

17. The cost incurred in respect of lighting was Rs. 10,67,716, of which Rs. 6,19.846 were in respect of 6,853 gas lamps, Rs. 2,55,916 in respect of 1,241 electric lamps, Rs. 85,417 for 243 incandescent kerosine oil lamps, Rs. 1,275 for 20 kerosine oil lamps. The balance of Rs. 32,639 was utilised for erecting new lamps and increasing the candle power of the existing gas lamps. It will be seen that the annual cost per lamp in respect of each class was as follows :—

	Rs.	a.
Gas Lamps	90	7
Electric Lamps	206	3
Incandescent Lamps	351	8
Kerosine Oil Lamps	63	12

The exorbitant rate of the Incandescent lamps should suggest the possibility of their substitution by gas or electric lamps, which are more economical.

Water Works.

18. The Rainfall at all the four lakes except the Tansa was more than the quinquennial average. The lakes overflowed by the end of August, Tansa being the last to overflow. All the lakes except the Powai were operated during the year. The quantity of water received from these sources was 27,801 million gallons or an average of 76·16 million gallons per day as against 25,718 million gallons, or

a daily average of 70·5 million gallons. Of this supply 2·12 million gallons per day were received by the suburbs against 1·96 in the preceding year and 74·04 million gallons by the City against 68.54 million gallons in the year previous. The average daily supply to the City per head for all purposes thus increased from 52·2 gallons to 54·80 gallons. The total quantity of water that passed over the waste weir at all the lakes was 9,502 million gallons against 44,198 in the preceding year. This drop is due to less water having overflowed at Tansa lake. The above figures are exclusive of leakage, evaporation and absorption, which together were responsible for a loss of 26,892 million gallons during the 221 days of the dry season. It is unfortunate that while the supply to the City was being gradually increased with a view to the eventual fulfilment of the promise of 90 gallons per head per day held forth under the Tansa Completion Scheme the City should be faced with a shortage of water due to scanty rainfall in the Tansa Catchment area.

Markets and Slaughter Houses.

19. The receipts from the Markets and Slaughter Houses increased from Rs. 11,54,114 to Rs. 12,13,440. The increase of Rs. 59,326 is due to causes explained in para. 2 of the Markets Superintendent's report. A new municipal market was opened at Dadar and a new private market at Jail Road. The number of municipal markets thus increased to 16 and of the private markets to 19. It will be seen from Statement I attached to the Market Superintendent's report that there has been a slight improvement in the condition of the markets, the average number of stalls vacant per quarter having decreased from 647 to 595. The net increase in stall rents is Rs. 11,007. The Fort Market in particular appears to have recovered its popularity to a considerable extent, the average number of vacancies in a quarter being only 7 against 59 in the year preceding, but it must be mentioned that the number of stalls was reduced from 254 to 180. There was a slight improvement in Arthur Crawford and Chowpaty Markets but on the other hand there was a slight decline in Erskine Road and other Markets. The rents at Chowpaty Market had to be reduced to Rs. 3 per quarter for a stall in the Vegetable Section on account of the meagre demand for stalls. The Gilder Tank Market again remained idle throughout the year, except as a wholesale Market for short hours, the receipts amounting to only Rs. 1,750. During the year, under the orders of the Corporation, the practice of demanding from stall-holders standing deposits was discontinued and rents were recovered before the 15th of the first month of each quarter and the licenses were cancelled on default. Although these concessions might have served to improve the condition of the markets temporarily, the system is fraught with risks of loss of rent in cases where the stall-holders default and abscond.

Licenses.

20. The depressed condition of the markets cannot be said to be entirely due to the slump in trade. It has synchronised with the enormous growth of hawking trade nearer the homes of the people. Hitherto hawking was conducted even near the approaches to the markets, which affected the markets adversely. Seeing these results, the Executive have now prohibited hawking or squatting within 200 yards of the market premises. They have also restricted hawking to food stuffs and a few other specified necessaries of life. The revenue from these licenses during the year was Rs. 62,989 against Rs. 75,731. The decrease is not due to any depression in that trade, but to a reduction in the license fees from 1st July 1928, the imposition of certain salutary restrictions on hawking in the interest of municipal and private markets and to the disturbed condition of the City during the riots. The revenue from licenses issued for the display of advertisements and sky-signs also increased from Rs. 33,430 to Rs. 34,164. During the year the minimum charges in this respect were reduced and a rebate of 20 per cent. was allowed for annual payments in advance. Considerable

amount of pirating occurred and when an advertiser was prosecuted for not obtaining a license, he paid the fee in the court and escaped penalty for his offence. To counteract the growing tendency in this respect it is now proposed to charge double the fee in cases where the advertisement has been exhibited without permission for a period of more than 10 days. The interests of the Market and the License Departments are identical and the hawking trade under the control of the latter with all the favour it is receiving from the people, often on account of the lower prices and at other times owing to stay-at-home habits of the people, needs careful handling and control lest it should make further inroads on the already much attenuated markets.

Health Department.

21. The vital statistics reveal a steady and satisfactory improvement in the health of the city. The birth-rate increased from 16.7 to 18.5, while the death-rate decreased from 21.3 to 21, the lowest on record. During the year the mortality from Plague and Tuberculosis increased while deaths from Small-pox and Cholera decreased. The Influenza toll remained constant. These statistics are based on the estimated population for the year 1927, as there is no reason to believe that any increase therein has occurred in the year of report. The death-rate is particularly high among the poor classes and it calls for action for the improvement of poor class dwellings. The death-rate among males was 18 and among females 27, an unmistakable sign of increasing debility and susceptibility to diseases among the latter. The principal causes which keep the death-rate at a high level even in non-epidemic times are said to be the insufficiency of sewers, the continuance of basket privy system of conservancy, the density of houses and persons per acre and the overcrowding of persons in rooms and tenements. The efforts made to remedy these are detailed in subsequent paras.

Infant Mortality.

22. The infant mortality decreased from 316 to 311 per 1,000 births, the lowest figure ever recorded. The incidence of deaths among children under 1 year increased from 24.8 to 27.3, but this was counterbalanced by recoveries in other age groups. The heaviest mortality among infants was due to debility, premature births and diseases of the respiratory system, which together were responsible for 77 per cent. of the deaths. The death-rate was particularly high among children living in one-room tenements, being 82.9. Poverty, ignorance and the practice in some quarters of soothing babies by the administration of opium have as usual contributed to this high death-rate. It is hoped that the Opium Enquiry Committee appointed by Government will recommend some measures against drugging children with opium. The obvious methods of reducing infant mortality are education of mothers in the care and nurture of children, the provision of extended facilities by way of créches to enable infants being taken care of while mothers are at work, introduction of sanitary reforms in poor class dwellings, reduction of overcrowding, prohibition of any further construction of one-room tenements as family dwellings and gradual conversion of such existing tenements into two-room dwellings. The measures taken by the Municipality in regard to the reduction of infant mortality are outlined in the Health Officer's report. Inspection of insanitary dwellings was carried out by the Medical Assistants and Inspectors systematically with the result that 821 of such dwellings were evacuated. 211,420 sanitary inspections were made and 15,358 sanitary works were carried out during the year. Owing to the difficulty, for financial reasons, of maintaining a balance between the insanitary dwellings demolished and new ones constructed in their places, action had to be postponed in a number of areas. Much of the difficulty in regard to new construction has been relieved by the Development Department constructing 207 new chawls for working classes. The City Improvement Trust has also provided 47,342 new tenements against 32,522 old ones demolished. During the year of report 541 new tenements were provided by the Trust and 301 old ones demolished. These combined efforts at reconstructing the City are bearing ample fruits in the reduced mortality returns.

Malaria.

23. Malaria accounted for 295 deaths as against 365 in the year previous. But these figures do not show the real incidence of Malaria. Malaria is not a disease which so much kills as disables. The correct test, therefore, in this case is the number of attacks which was 99,060 during the year. Even this figure is a modest estimate, as a large number of cases treated by private practitioners do not come to notice even with the best efforts made by the Municipality. As against this, however, allowance has to be made for the same patient returning for treatment for repeated attacks. The prevalence and virulence of Malaria in the City is confirmed by the investigations of Major Covell, who, after scientific researches, has submitted an able report recommending effective measures for the extirpation of Malaria. The Executive have taken measures, in matters in which they have power, to act upon certain recommendations notably the filling in of wells or covering them over with concrete surfaces. During the year of report 128 wells, 4 large tanks and 27 low-lying spaces were filled in, 147 wells were hermetically closed and 5 were covered with trap doors. The Executive had to contend against vigorous opposition in extending these activities. Nevertheless some satisfactory compromise was arrived at and it is hoped that action under that arrangement would be taken as speedily as possible. Any half-hearted measures are bound to be ineffective and if the Corporation fail to take effective action themselves, it will be difficult to secure the co-operation of Government and the Railways for the eradication of Malaria. Government have already appointed Major Covell, the results of whose investigations are before the public, and it is hoped that when the time comes Government will enable the Corporation to give effect to his principal recommendations by necessary legislation.

Venereal Diseases.

24. The number of deaths ascribed to Venereal Diseases during the year was 44 against 26 in 1927. These figures as in the case of Malaria mortality understate the actual incidence of the disease. The number of patients registered for treatment in the dispensary now taken over by the Municipality from the League for Combating Venereal Diseases was 2,942. It must be remembered that only a small percentage of those affected seek relief in public Hospitals or Dispensaries owing to natural resentment against publicity. The number of cases undergoing treatment at the hands of private practitioners must, therefore, be considerable. The investigations made by the Delegation of the British Social Hygiene Council in the winter of 1926-27 are embodied in their report which is now published. The Medical Staff of the Municipal Maternity Homes are of the opinion that the incidence of such diseases in the Municipal Maternity Homes varies from 40 to 50 per cent. of the admissions. These cases represent only at a fraction of the population actually suffering from the disease. The general opinion is that 90 per cent. of the cases are treated by private practitioners and that only when a case becomes complicated or critical that the patient is brought to the Hospital. The loss of potential life due to abortions and still-births among the infected people is not inconsiderable. Government propose to appoint a special officer for the whole Presidency to combat this evil, and a request made by them to the Corporation to co-operate in this matter is receiving consideration of the Medical Relief Committee. The intensity of the problem requires an early decision.

Conservancy Reform.

25. One of the most important reforms undertaken by the Municipality during the past some years is the scheme for the conversion of basket privies into water-closets on the full flushing system, which was pushed through vigorously during the year. The number of privy seats converted were 2,412. Further progress made in this direction is indicated in the Commissioner's letter underlying

Standing Committee Resolution No. 1984, dated the 5th June 1929, wherein it is stated that 3,250 seats were converted by the end of May 1929, and 2,500 seats were under conversion ; that an advance of Rs. 2½ lakhs sanctioned by Corporation Resolution No. 10777, dated the 25th February 1929, was nearing exhaustion and a further advance of 2½ lakhs was necessary. This was subsequently sanctioned by the Corporation. The whole scheme is for the conversion of about 31,000 basket privies in sewered areas only at an estimated cost of Rs. 24 to 33 lakhs. The scheme is expected to pay itself by a saving in the wages of 2,000 halalkhores which is estimated at Rs. 4,43,000 a year. There would be a reduction in the original estimates as the subvention to landlords has now been decreased from Rs. 100 a seat to Rs. 75, owing to subsidence in the prices of materials. This sanitary reform has much to commend itself both from the point of view of hygiene and economy. The scheme is expected to be completed within four years.

K. E. M. Hospital and G. S. M. College.

26. The popularity of the Hospital can very well be gauged from the table given in para. 14 of the Dean's Report. Though the number of beds available was 334, there was considerable pressure and the maximum number of in-patients accommodated on a single day was 399. The Dean draws particular attention to the advisability of starting an Infirmary and a convalescent home outside Bombay and of entering into some financial understanding with the Helpless Beggars' Relief Committee so as to relieve congestion in the Hospital, as at present the beds are being occupied by some patients to whom the Hospital can do no good and who by remaining in the Hospital prevent the admission of a corresponding number of patients who can be more readily cured and restored to health. He also suggests the strengthening of the nursing staff as during some parts of the day a nurse is required to look after as many as 30 to 40 beds, some of which require constant and close attention. The total number of in-patients treated was 8,141 of which 7,846 were new admissions. The deaths numbered 828. The high percentage of deaths is due to the fact that patients ordinarily come to the Hospital much too late for skilled assistance to be of any avail. Turning to the out-door section, there is again a remarkable improvement, the number of patients treated having risen from 116,375 to 144,416. There was considerable congestion in this section, to relieve which, the Dean considers the construction of a separate Casualty Department, and extension of Surgical Dressing section as necessary. The total expenditure on the Hospital from Revenue was Rs. 4,81,492. The average cost per bed is given in para. 17 of the Dean's report and its details in paras. 18 and 19. It will be seen that the cost per in-patient fell from Rs. 3-11-6 to Rs. 3-6-7 and per out-patient from Rs. 1-8-6 to Rs. 1-7-7. The average cost to the Institution for every in-patient was Rs. 52-3-2 against Rs. 62-2-9 in the year previous. This compares favourably with the cost in other similar institutions in the City. The strength of the Students at the G. S. M. College increased from 139 to 192, which number is again expected to increase next year when the College would be receiving its full complement. The total expenditure from Revenue on the College and the Students' Hostel was Rs. 2,17,668 and the total receipts from fees and hostel rents, etc., Rs. 56,017, against the corresponding figures of Rs. 2,06,804 and Rs. 41,311 in the year preceding. The net cost per student was reduced from Rs. 1,193 to Rs. 842. On the whole, the working of the Hospital and the College was more economical during the year of report than in the preceding year. Although a small reduction of Rs. 7,000 was effected in the total expenditure at the instance of the Medical Relief Committee, the credit for general economy goes to the efficient management which has succeeded in making the institutions really beneficial to the City.

Primary Education.

27. The report of the Schools Committee gives in brief the activities relating to primary education in the City during the year. The number of Municipal Schools decreased from 344 to 341, owing to closure of some schools and consolidation of others for poor attendance. The number of pupils attending Municipal

Schools also fell from 50,249 to the 49,659, mainly on account of the disturbed situation brought about by industrial unrest and riots. The decrease is marked in the Marathi and the Gujarati Sections, while the Urdu Boys' Schools show an increase of over 500 pupils. The number of Aided Schools increased on the other hand from 173 to 176, but the number of boys attending these schools fell from 17,491 to 17,143 for reasons already stated. The grants and remissions to these schools amounted to Rs. 1,81,211 as against Rs. 1,74,704 in the preceding year. The expenditure incurred by the Aided Schools was Rs. 7,29,616. Thus the average cost per pupil per year in an Aided School works out at Rs. 43.4. The average cost per pupil in the Municipal Schools for the same period was Rs. 56.6. The increase in the latter from 54.8 to 56.6 is explained as due to Mill Strike, and to Pension contribution for two years being paid to Government. The average cost on the Marathi side worked out Rs. 53.7, on the Gujarati side to 6·17, and the Urdu side to 60.7. In the Aided Schools, there was an average of about 18 pupils on the roll per teacher, whereas in the Municipal Schools it was 25. It is also noticeable that out of the 933 teachers employed in the Aided Schools, 448 were non-qualified, whereas in the Municipal Schools there were 222 such teachers in a total of 1,920. The higher salaries paid to teachers account for the increase in the average per student by nearly 25 per cent. in the Municipal Schools. Mr. N. D. Mehta on going through the expenditure of the Schools Committee has submitted a scheme of retrenchment on the basis of Rs. 50 per pupil. He has also pointed out that the average number of pupils per teacher is too low according to Government standard, which is 40 pupils per teacher. Mr. Mehta's proposals are receiving the consideration of the Retrenchment and Reforms Enquiry Committee and it is hoped that the Committee would make some useful suggestions for placing primary education on a more sound and economical basis.

Free and Compulsory Primary Education.

28. The progress of free and compulsory primary education in F and G Wards received a set-back during the year on account of the Mill strike and the riots. There was a large exodus of the Mill operatives and along with them of their children. At the beginning of the year there were 17,542 children of compulsory age, of whom 13,005 were attending schools. By the end of the year, the number of children of compulsory age went down to 16,874, and that of children attending schools to 12,778. Although a big fall is apparent yet in reality the percentage of children attending schools to children of compulsory age actually increased in the year from 74.1 to 75.3. But for the abnormal conditions in the year the results would have been more satisfactory. During the year under report, Government sanction to the extension of compulsion to Muslim girls under the age of 10 was obtained, but compulsion was actually brought into force from 1st August 1929. Government were approached with a request to permit compulsion being introduced in B and E Wards from 1st October 1928, but the proposal was negatived, first, on the ground that they were not satisfied that the Corporation were in a position to finance the scheme and secondly, because they were not prepared to consider the question pending the disposal of the suit filed by the Corporation against Government. In these circumstances, there are very few chances of any appreciable progress being in this direction in the near future.

Medical Inspection of Schools.

29. The statistics in regard to Medical inspection of school children are very instructive. The general percentage of boys suffering from ailments was 53 and of girls 53.3. Malnutrition and defects in teeth accounted for about 40 per cent. of this number. There has, however, been a gradual decrease in the percentage of the various diseases current among school-going children. In about 500 cases, medicines were distributed free, as the parents were found to be too poor to afford medical aid for their children. The general low state of health

among the school-going children is due to poverty and ignorance. Many parents had to be called to school for explaining the benefits of immediate treatment. Considerable propaganda was done, but in this as in other cases of improvement progress must naturally be slow.

Schools Committee's Finances.

30. The year began with an opening balance of Rs. 4,34,507. The Municipal grant during the year amounted to Rs. 28,11,560 and other miscellaneous receipts to Rs. 43,332, which together brought the total receipts to Rs. 28,54,892, against Rs. 29,69,120 in the previous year. The expenditure during the year was Rs. 30,12,214, while the same in the year preceding, was Rs. 29,50,599 At the end of the year, the Committee were left with a closing balance of Rs. 2,77,185. The Schools Committee's expenditure has been increasing since 1917-18 by 2 lacs a year, while the normal increase of pupils per year is about 2,000. At an average cost of Rs. 55 per pupil, the increase in respect of additional pupils comes to about Rs. 1,10,000. The expenditure of Rs. 90,000 is, therefore, independent of increase in the number of students. However, owing to very strict economy, the normal increase of Rs. 90,000 was brought down to Rs. 60,000 during the year. From the table printed in para. 28 of the Schools Committee's report, it will be seen that of the total increase of Rs. 1,27,323, Rs. 87,485 represent the increase in respect of the salaries of the staff, Rs. 20,398 increase in respect of Pension, Gratuity, etc. The above expenditure is exclusive of the cost of establishment of the Schools Committee's Office, which was Rs. 54,913 and was paid from the General Fund. During the year, the net amount of grants received from Government was Rs. 8,07,207, which together with Rs. 8,429 received in respect of A. V. Schools brings the total to Rs. 8,84,731. The total amount due from Government up to the end of the year according to Municipal claim comes to Rs. 19,62,000 in round figures.

Schools Committee Reforms.

31. The constitution of the Schools Committee is under revision. Other far reaching reforms like the revision of the Schools Committee's Bye-laws particularly in regard to the submission of their budget are also under the consideration of the Law, Procedure and Elections Committee. As the financial responsibilities of the Schools Committee are daily increasing, it becomes all the more imperative that the procedure in regard to submission of budget and appropriation of grants should be put on a more systematic basis.

Municipal Auditors.

32. The Auditor's report is a comprehensive review of the financial transactions during the year and is very helpful in understanding the financial position of the Municipality.

Acknowledgments.

33. In conclusion, the Standing Committee desire to place on record their high appreciation of the very able and successful conduct of Municipal administration by Mr. H. B. Clayton, M.A., C.I.E., I.C.S., and Mr. A. R. Dalal, M.A., I.C.S., during the year.

Municipal Corporation Office,
Bombay, 12*th December* 1929.

V. N. CHANDAVARKAR,
Chairman, Standing Committee.

Annual Administration Report of the Municipal Commissioner for the City of Bombay for the year 1928-29.

I.—CORPORATION AND STANDING COMMITTEE.

Corporation.

1. Dr. G. V. Deshmukh, M.D. (London), F.R.C.S., (England) was elected President of the Corporation at the meeting held on 5th April 1928, and held that office upto the end of the official year.

2. One hundred and three meetings of the Corporation including two Special Meetings and two hundred and sixty-two Meetings of the Committees and one hundred and eighty-six Meetings of their Sub-Committees other than those of the Standing Committee were held. The Councillors also attended the presentation of Addresses of both Welcome and Farewell respectively to the Right-Honourable Sir Frederick Hugh Sykes, Governor-designate of Bombay and His Excellency Lt.-Col. the Right-Honourable Sir Leslie Orme Wilson, the retiring Governor of Bombay.

3. The changes that took place during the year in the personnel of the Corporation were as follows:—

Sir Currimbhoy Ebrahim, Bart., was appointed by Government on the 17th April 1928, in place of Sir Currimbhoy Ebrahim, Bart., deceased.

Dr. Dinsha Bamanji Pestanji Master died on the 17th June 1928, and in his place Mr. Gangadas Motilal Sethna was elected by the Ratepayers of C Ward on 29th July 1928.

Mr. W. R. S. Sharpe resigned his seat on the Corporation with effect from the 9th November 1928, and in his place Mr. W. H. Neilson was appointed by Government from that date.

4. The following Councillors were absent from the Meetings of the Corporation for the period shown below for reasons approved by the Corporation under Section 17 (*b*) of the Municipal Act:—

	Name.	Period.
1.	Mr. J. R. C. Badham	From 1st April 1928 to 31st March 1929.
2.	Sir Byramjee Jeejeebhoy, Kt.	From 21st April 1928 to 5th October 1928.
3.	Sir Dinshaw Petit, Bart.	From 9th August 1928 to 31st October 1928.
4.	Mr. W. H. Hammond	From 1st April 1928 to 10th November 1928.
5.	Mr. H. P. Mody	From 23rd July 1928 to 14th November 1928.
6.	Mrs. A. F. McKenzie	From 1st April 1928 to 11th November 1928.
7.	Mr. Naoroji M. Dumasia	From 1st May 1928 to 6th January 1929.
8.	Dr. Rustomji M. Mistry	From 11th April 1928 to 20th August 1928.
9.	Mrs. Sarojini Naidu	From 1st April 1928 to 22nd August 1928 and again from 24th August 1928 to 31st March 1929.

THE STANDING COMMITTEE.

5. Mr. Jehangir B. Baman-Behram, B.A., LL.B., J.P., was elected Chairman of the Standing Committee at the meeting held on the 4th April 1928 and held that office throughout the year.

6. There were fifty-two regular meetings and twenty Special Meetings of the Standing Committee and eighty-one meetings of the Sub-Committees thereof.

7. There were forty-nine attendances of members for the audit of Municipal accounts and one hundred and one for signing the cheques.

8. The only change that took place during the year in the personnel of the Standing Committee was the resignation of Mr. H. J. Davis from the Committee and the election by the Corporation of Dr. Poonsey Hirji Meisheri, L. M. & S., on the 12th April 1928, in place of Mr. Davis.

9. The following is the list of Municipal Councillors who held office on the 31st March 1929 :—

DR. G. V. DESHMUKH, M.D. (London), F.R.C.S. (England), *C.—President.*

ABDULLA TAKIMAHOMED JANAI, MR., B.A., LL.B., *R* (E Ward).
ABDUR RAHIM DIMTIMKAR, MR., J.P., *G.*
ABUBAKAR ABDUL REHMAN BEGMAHAMED, MR., *R* (B Ward.)
ANANTA KRISHNA PAI, DEWAN BAHADUR, B.A., J.P., *C.*
ARBUTHNOT, C. W. E., MR., B.E., B.A. (R. U. I.), J.P., *G.*
ATMARAM GANGADAS MERCHANT, DR., L.M. & S., *R* (C Ward.)
AVANTIKABAI GOKHALAY, MRS., *C.*
BACHUBAI RANCHORDAS LOTEVALA, MISS, *C.*
BADHAM, J. R. C., MR., J.P., *R* (A Ward).
BALOO BABAJI PALWANKER, MR., *G*
BALUBHAI T. DESAI, MR., B.A., LL.B., M.L.C., *R*, (C Ward).
BARJORJI SORABJI N. COOPER, MR., J.P., *R* (D Ward).
BEHRAMJI NAVROSJI GAMUDIA, MR., B.A., J.P., *R* (A Ward).
BHAGWANTRAO GANGADHAR PARELKAR, MR., *R* (F Ward).
BHAVANIDAS NARANDAS MOTIVALA, MR., B.A., LL.B., *R* (C Ward).
BYRAMJEE JEEJEEBHOY, SIR, KT., J.P., *G.*
CURRIMBHOY EBRAHIM, SIR, BART., J.P., *G.*
DE SOUZA, J. ALBAN, CAPT., B.A., L.M. & S., I.M.S., J.P., *R* (C Ward).
DINSHAW MANECKJI PETIT, SIR, BART., J.P., *R* (A Ward).
DOSTMAHOMED GULAMHUSEIN KHAIRAZ, MR., *R* (G Ward)
D. G. DALVI, MR., M.A., LL.B., *U.*
E. R. HIRJIBEHEDIN, MR., J.P., *R* (D Ward).
FAZAL IBRAHIM RAHIMTOOLA, MR., B.A., M.L.A., J.P., *R* (B Ward).
FERNANDEZ, COSMAS, DR., M.D., *R* (E Ward).
GANGADAS MOTILAL SETHNA, MR., *R* (C Ward)
GANPAT KRISHNAJI BORADE, MR., J.P., *R*, (B Ward).
GIRDHAR BHIWAJI NARE, MR., B.A., *R* (F Ward).
GUSTADJI DOSABHAI BILIMORIA, MR., *R* (G Ward).
HAJI ESA HAJI OOSMAN POONAWALA, MR., *R* (E Ward).
HAJI FATEH MAHOMED HAJI MAHOMED MANIAR, MR., *R* (A Ward).
HAMMOND, W. H., MR., M.A., F.R.G.S., J.P., *R* (A Ward)
HENRIQUES, A. F., DR., L.R.C.P. & S. (Edin.), L.F.P.S. (Glas.), J.P., *G.*
HOOSEINBHOY ABDOOLABHOY LALLJEE, MR., M.L.C., *R* (B Ward).
HOOSENALLY M. RAHIMTOOLA, MR., B.A., M.L.C., *G.*
HORMUSJI MANEKJI CHOWNA, MR., J.P., *R* (A Ward).
HORNIMAN, B. G., MR., *R* (D Ward).
H. P. MODY, MR., M.A., LL.B., *M.O.A.*
ISHWARDAS LAKHMIDAS, MR., J.P., *C.*
JAFERBHOY ABDOOLABHOY LALLJEE, MR., *R* (B Ward).
JAGJIVAN UJAMSHI, MR., *R* (C Ward).
JAMNADAS M. MEHTA, MR., M.A., LL.B., BAR-AT-LAW, M.L.A., *R* (D Ward).
JAMSETJI NUSSERWANJI CHOKSY, DR., M.B.B.S., *R* (B Ward).
JEHANGIR B. BAMAN-BEHRAM, MR., B.A., LL.B., J.P., *R* (A Ward).
JEHANGIR BOMANJEE PETIT, MR., M.L.C., J.P., *R* (A Ward).
JETHALAL VANMALIDAS VORA, DR., L.M. & S., *R* (B Ward).
JOSEPH, POTHAN, MR., B.A., LL.B., *R* (F Ward).
KANJI DWARKADAS, MR., M.A., J.P., *R* (A Ward)
KANJI KARAMSI MASTER, MR., *R* (B Ward)
KARMALI EBRAHIM, KHAN SAHEB, J.P., *G.*
KAVASJI EDALJI DADACHANJI, DR., L.M. & S. J.P., *R* (D Ward).
KELLY, P. A., MR., C.I.E., J.P., *G.*
KHURSHED FRAMJI NARIMAN, MR., B.A., LL.B., M.L.C., *R* (D Ward).
KHURSHED J. J. CURSETJI, DR., B.A., B. Hy., M.B.B.S., M.R.C.S. (Eng.), L.R.C.P. (Lond.), *R* (C Ward)
KHUSHALDAS KURJI PAREKH, MR., B.A., LL.B., *R* (C Ward).
KISONDAS M. RAMJI, MR., J.P., *I.M.C.*
LAKHMIDAS ROWJEE TAIRSEE, MR. *R* (C Ward),
MAHADEV DEVJI RANE, RAO SAHEB, J.P., *R* (G Ward).
MANAJI RAJOOJI KALEWAR, RAO BAHADUR, J.P., *R* (E Ward).
MANEKSHA NAVROJI BALSARA, DR., L.M. & S., D.P.H. (Cantab.) *R* (E Ward).
MANGESHRAO ANANDRAO DABHOLKAR, MR., J.P., *C.*
McKENZIE, A. F., MRS., M.A., *C.*
MEHERJIBHAI F. BISNI, DR., M.B.B.S., J.P., *R* (E Ward).
MIA MAHMAD HAJI JAN MAHMAD CHOTANI, MR., *R* (B Ward).
MIRZA ALI MOHAMMED KHAN, MR., M.A., LL.B., J.P., *G.*
MOHAMED ISMAIL CURTAY, KHAN BAHADUR, J.P., *R* (C Ward).
MOHAMEDALLY ALLABUX, MR., J.P., *R* (C Ward)
MOHANLAL MAGANLAL DESAI, MR., B.A., LL.B., *R* (C Ward).
MORESHWAR CHINTAMAN JAVLE, DR., J.P., *R* (G Ward).
MOSES, ELIJAH, DR., M.D., J.P., *R* (B Ward).
TIRAM BALKRISHNA VELKAR, DR., L.M. & S., *R* (C Ward).
NANABHAI LUXUMON, MR., *R* (F Ward).

NAOROJI M. DUMASIA, MR., J.P., *C.*
NARAYAN DAMODAR SAVARKAR, DR., L.C.P.S. (Cal.), L.M.S. (Homeo.), *R* (D Ward).
NEILSON, W. H., MR., O.B.E., M.I.C.E., M.I. Mech. E., J.P., *G.*
NISSIM, MEYER, MR., M.A., J.P., *R* (A Ward).
NOORMAHAMED MEHERALLY CHINOY, MR. J.P., *C.*
PANDURANG G. SAHASRABUDHE, MR., *R* (G Ward).
PETCH, F. W., MR., M.L.C., J.P., *G.*
PHEROZESHAH JEHANGIR MARZBAN, MR., M.A., M.L.C., J.P., *R* (A Ward).
PHIROZE CURSETJI SETHNA, THE HON'BLE SIR, KT., O.B.E., J.P., *R* (A Ward).
POONSEY HIRJI MEISHERI, DR., F.C.P.S., L.M. & S., J.P., *R* (B Ward).
RAHIMTOOLA MEHERALLY CHINOY, MR., J.P., *G.*
RAJARAM K. VAIDYA, MR., B.A., J.P., *R* (G Ward)
RAMCHANDRA A. GOLE, MR., *R* (E Ward).
RAMCHANDRA M. BHAT, MR., *R* (C Ward).
RUSTAMJI M. MISTRY, DR., F.C.P.S., L.M. & S., J.P., *R* (E Ward).
R. K. PIRBHAI, MR., B.A., LL.B. (Cantab.), BAR-AT-LAW, J.P., *R* (B Ward).
R. S. NEKALJAY, MR., J.P., *G.*
SALEBHOY KARIMJI BARODAWALLA, MR., J.P., *R* (B Ward)
SAROJINI NAIDU, MRS., *R* (C Ward).
SAYAJI LAKSHMAN SILAM, MR., B.A., LL.B., *R* (E Ward).
SHANKARRAO ATMARAM MANTRI, MR., J.P., *R* (D Ward).
SHANKAR KRISHNAJI PUPALA, MR., *R* (E Ward).
SHIAVUX SORABJI BATLIWALA, DR., F.C.P.S., L.M. & S., J.P., *R* (F Ward).
SHIVDAS CHAPSY THAKKAR, MR., *R* (B Ward).
SORABJI PHEROZESHAH MEHTA, DR., B.A., L.M. & S., *R* (F Ward).
S. K. BOLE, MR., M.L.C., J.P., *G.*
VASANTRAO ANANDRAO DABHOLKAR, SIR, KT., C.B.E., M.L.C., J.P., *G.*
VAZIRALLY BANDEALLY, MR., *R.* (B Ward).
VIEGAS, ACCACIO G., DR., L.M. & S., J.P., *R* (D Ward).
VIRCHAND PANACHAND SHAH, MR., B.A., *R* (B Ward).
VITHAL NARAYAN CHANDAVARKAR, MR., B.A., (Cantab.), BAR-AT-LAW, *R* (D Ward).
VITHALDAS DAMODAR GOVINDJI, MR., *R* (C Ward).
WALLACE, D. J. C., MR., *CC.*
YASHVANT GANESH PANDIT, MR., *C.*

10. Mr. H. B. Clayton, C.I.E., I.C.S., resigned the post of Municipal Commissioner on the 1st December 1928 and Mr. A. R. Dalal, M.A., I.C.S., took charge of the office on the same date.

11. Mr. N. D. Mehta, B.A., Deputy Municipal Commissioner, who proceeded on leave from 1st April 1928 to 21st October 1928, retired from Municipal Service from 22nd October 1928 and Mr. Shantaram A. Shete, B.A., who acted for him from 14th April 1928 to 21st October 1928 was confirmed as Deputy Municipal Commissioner with effect from 22nd October 1928.

12. Mr. Shamrao S. Murkute held the office of the Personal Assistant to Commissioner throughout the year.

II.—Heads of Departments.

13. Mr. Dinshaw D. Daruwalla, L.C.E., A. M. Inst. C.E., M. R. San. Inst., Deputy Executive Engineer, Drainage, retired from Municipal Service from 1st April 1928 and Mr. Jehangir Dinshaw Daruwalla, A. M. Inst. C.E., F.I.S.E., M. R. San. I., who was appointed Deputy Executive Engineer, Drainage, continued in the appointment throughout the year.

14. Mr. R. G. Robottom, Assessor and Collector of Municipal Taxes, who went on combined leave from 1st April 1928 to 9th October 1928, retired from Municipal Service from 10th October 1928 and Mr. H. Wald, Deputy Assessor and Town Duty Refund Officer, who acted for him till 9th October 1928, was confirmed as Assessor and Collector of Municipal Taxes with effect from 10th October 1928.

15. Mr. K. P. Guzdar, Deputy Assessor, who acted for Mr. H. Wald as Town Duty Refund Officer from 1st April 1928 to 9th October 1928 was confirmed in the appointment with effect from 10th October 1928.

16. Mr. A. R. Bhaiji, B.A., acted as Secretary, Schools Committee, from 3rd January 1928 to 14th May 1928 and Mr. R. V. Parulekar, M.A., M. Ed. (Leeds), who was appointed Secretary, Schools Committee, took charge of the office on the 15th May 1928 and continued in the appointment upto the end of the year.

17. The following Officers continued in their respective appointments throughout the year :—

Mr. R. P. Desai, Municipal Secretary.

Mr. J. W. Mackison, C.I.E., B.Sc., M. Inst. C.E., Special Engineer, Development Works.

Mr. T. K. Roddan, M. Inst. M. & C. E., Executive Engineer.

Mr. W. A. Niven, A. M.I.C.E., M.I.E., Hydraulic Engineer.

Mr. E. Gordon Cameron, M.I.M.E., M.R.S.I., M.I.E.E., Deputy Executive Engineer, Mechanical Branch.

Mr. E. T. Annett, M.I.M.C.E., F.S.I., A.R.S.I., Senior Assistant Engineer, Roads.

Dr. J. E. Sandilands, M.A., M.D., D.P.H., Executive Health Officer.

Dr. Jivraj N. Mehta, M.D., M.R.C.P. (London), Dean, King Edward VII Memorial Hospital and Gordhandas Sunderdas Medical College.

Mr. M. R. Tambe, B.A., L.C.E., F.S.A.A., A.I.A., Chief Accountant.

Captain C. M. Flanders, V.S.R., A.V.C., Superintendent of Markets.

Mr. N. S. Kowshik, B.A., Superintendent of Licenses.

Mr. T. C. Greenop, Chief Officer, Fire Brigade.

Mr. D. S. Laud, G.B.V.C., Superintendent of Gardens.

Mr. D. E. Mawji, Chief Storekeeper.

Mr. Ernest R. Fern, Curator and Secretary, Victoria and Albert Museum.

III.—Financial.

General.

18. During the year under report the rates of taxation were as shown below:—

Particulars.	Rates for 1928-29.
General Tax	11 per cent. on value.
Fire Tax	½ per cent. on value.
Water Tax on value	3¾ per cent. on value.
Water Tax on meter measurement	Same as those of last year except in the following cases:—
	— | Rates for 1928-29. Rs. a. p.
	Milch cattle stables, Cotton and other Mills, Bleaching Mills. | 0 10 0
	Race Course .. .. | 0 12 0
	Hotels .. .. | 0 12 0
	Building purposes, Railways, Port Trust, Flour Mills, other Factories, Stables, Miscellaneous properties, Ghatkoper (Railway Station). | 0 14 0
	Government properties .. .. | 0 8 0
Halalkhore Tax..	3 per cent. on value.

19. The total receipts for the year under review amounted to Rs. 3,15,33,383 against Rs. 3,17,08,288 in the preceding year, showing a decrease of Rs. 1,74,905 which is not due to any permanent fall in revenue but to the non-payment of taxes by the G. I. P. Railway. The expenditure for the year amounted to Rs. 3,27,50,278 against Rs. 3,14,45,875 showing an increase of Rs. 13,04,403 of which a sum of Rs. 7,00,000 is on account of contribution to Bai Jerbai Wadia Children's Hospital and is special and non-recurring. The net result of the transactions for the year disclosed a deficit of Rs. 12,16,895 against a surplus of Rs. 2,62,413 in the preceding year. A deficit of Rs. 5,93,941 was budgetted for and there was the special expenditure of Rs. 7 lakhs already mentioned.

20. The details of increases and decreases in income are given in Appendix No. 3 of the Chief Accountant's report. The principal increases and decreases in expenditure and the reasons thereof are given in para 16 of the Chief Accountant's report.

21. The incidence of taxation per head decreased from Rs. 21-7-5 to Rs. 20-13-4 for the year on the basis of the estimated annual increase of 19,646.9 in the population of the City over the Census figure of 1921. On the basis of the last census figures the incidence works out at Rs. 23-4-4 per head as compared with Rs. 23-9-10 per head for the last year.

22. The net unhypothecated Surplus Cash Balance on 31st March 1929 was Rs. 44,86,088 against Rs. 59,95,347 as at 31st March 1928.

23. The balance of stock including Surplus and Obsolete Stores on 31st March 1929 stood at Rs. 9,42,998 against Rs. 9,51,159 at the close of 1927-28 thus showing a decrease of Rs. 8,161.

24. The final sanctioned grants for the year aggregated Rs. 3,50,12,603 and the expenditure amounted to Rs. 3,27,50,278 leaving an unexpended balance of Rs. 22,62,325. Out of this, grants aggregating Rs. 8,28,858 are required to be renewed for expenditure in 1929-30 and Rs. 14,33,467 are treated as savings.

25. Additional grants sanctioned during the year aggregated Rs. 10,36,037 against Rs. 4,85,639 in 1927-28. The former amount includes the sum of Rs. 7 lakhs for the Bai Jerbai Wadia Children's Hospital.

Loan Works Expenditure.

26. The expenditure on Capital Works during the year amounted to Rs. 55,21,004 as under :—

		Rs.
Loan Works including Tansa Completion Scheme		30,33,291
Development Schemes		23,61,402
Trust Funds		32,381
Worn-out Water Mains Renewal Fund		9,870
Land and Buildings Fund	*Cr.*	6,340
Subventions for conversion of insanitary privies into Water Closets.		90,400
		55,21,004

Capital Debt.

27. During the year under report no loan was taken either from the Government or from the Public.

28. Reduction of the debt during the year amounted to Rs. 26,13,070.

29. The loan liabilities of the Corporation at the close of the year stood at Rs. 18,48,59,325. The total Sinking Fund investments made upto 31st March 1929 totalled Rs. 3,07,67,782. The classification of debt and debt charges and the position regarding Sinking Fund Investments have been shown in paras. 22 and 23 of the Chief Accountant's report.

30. The total liabilities, after deducting all ascertained time-barred claims, on account of set-backs aggregated Rs. 14,24,867 upto 30th June 1929 against which sanctioned funds aggregate Rs. 6,25,526 (*vide* Chief Accountant's report, para. 38), leaving a net liability of Rs. 7,99,341.

31. The comparison of the net revenue and the net expenditure for 1927-28 and 1928-29 is shown below in accordance with Standing Committee Resolution No. 12212, dated 3rd February 1892 :—

Particulars.	1927-28.	1928-29.
INCOME.	Rs. a. p.	Rs. a. p.
Net revenue after deducting refunds, drawbacks and charges in respect of Assessment and Collection and granting of refunds.		
General Tax	1,24,17,739 6 6	1,22,65,711 11 8
Town Duties	12,17,385 1 6	13,29,724 2 10
Cotton Import Duty	11,34,083 7 6	13,37,095 5 7
Liquor Licenses and Tobacco Duty	5,42,115 15 5	5,25,734 0 7
Returns from Property and Miscellaneous	11,72,020 6 4	14,66,825 8 11
Wheel Tax and Tolls	11,51,078 14 3	10,19,412 0 4
Drainage and Sewerage including Halalkhore Branch	11,63,655 7 0	11,87,378 14 3
Fire Tax	2,06,503 5 9	2,00,513 13 0
Markets and Slaughter Houses	3,40,912 6 4	4,17,244 7 1
Total Rs.	1,93,45,494 6 7	1,97,49,640 0 3
Deficit	....	12,16,895 4 0
Total Rs.	1,93,45,494 6 7	2,09,66,535 4 3
Net expenditure after deducting receipts.		
General Superintendence	4,69,474 7 8	5,40,173 0 1
Debt charges, excluding debt charges under Water Works, Fire Brigade and Markets and Slaughter Houses	51,31,244 14 8	60,09,594 0 11
Water Works	1,05,411 9 5	4,01,837 9 6
Education, Primary	20,91,974 14 0	20,52,837 6 1
Education, Secondary	78,575 9 4	79,085 8 4
Public Health Department	8,16,231 5 10	8,40,704 2 8
Hospitals	15,15,877 0 10	15,49,711 0 7
Street Cleansing and Road Watering	28,08,090 2 3	27,60,131 5 0
Roads and Overbridges	15,02,970 14 1	12,45,229 13 5
Public Lighting	10,65,362 4 10	10,98,904 5 1
Building Regulations and other measures for securing the Public Safety	38,835 6 3	74,313 0 11
Gardens and Open Spaces	1,58,293 4 1	1,68,219 1 5
Miscellaneous	5,92,039 3 1	6,71,595 2 5
Contribution to the City Improvement Trust	23,11,030 7 0	23,02,180 0 4
Provident Fund Contribution	1,99,481 0 0	2,39,210 10 3
Retrenchment Inquiry	974 2 0	6,000 0 0
Loan Works Establishment	1,97,215 3 1	2,26,437 9 1
Research Bureau	.....	371 8 2
Contribution from Revenue towards Bai Jerbai Wadia Hospital for children	....	7,00,000 0 0
Total Rs.	1,90,83,081 12 5	2,09,66,535 4 3
Surplus	2,62,412 10 2	.....
Total Rs.	1,93,45,494 6 7	2,09,66,535 4 3

IV.—Assessment and Collection of Revenue.

32. The rates of taxation except for water by meter measurement were the same as in the preceding year *i.e.*, General Tax (including Fire Tax) 11½ per cent. Water Tax 3¾ per cent. and Halalkhore Tax 3 per cent. The rate per 1,000 gallons for water by meter measurement was reduced from annas 12 to annas 10 in case of Mills and milch cattle stables, from Re. 1 to annas 12 in case of hotels and from Re. 1 to annas 14 in case of Railways, Port Trust, Flour Mills etc., while it was increased from annas 8 to annas 12 in case of the Race Course.

33. The total demand for the year was as follows :—

	Lakhs Rs.
General Tax	141.51
Water „	64.83
Halalkhore Tax	33.44
Total Rs. ..	239.78
Corresponding figure for 1927-28	241.01

34. The outstandings of all the taxes at the end of the year amounted to Rs. 21,97,440 against Rs. 16,38,880 showing an increase of Rs. 5,58,560 which was due to the dispute with the G. I. P. Railway Company claiming preferential treatment for assessment of their properties since the Railway became State-managed, and to general trade depression and disturbances in the City. The total of the arrears due by the G. I. P. Railway alone amounted to Rs. 8,47,118.

35. The number of properties registered in the Assessment book at the end of the year was as under :—

Buildings	36,377
Salt pans	68
Lands including tanks, wells, etc.	11,260

36. The Rateable value of properties increased from Rs. 12.57 lakhs to 12·74 lakhs showing an increase of Rs. 17 lakhs against Rs. 24 lakhs in the previous year.

37. The total amount collected during the year on account of the tax on Vehicles and animals was Rs. 6,78,020 against Rs. 6,67,326 in the preceding year.

Town Duties.

38. The rates of duties leviable during the year were the same as in the previous year. The gross collection from refundable Town Duties amounted to Rs. 30,22,766 against Rs. 29,99,376 in the previous year and refunds allowed in respect of goods exported during the year to Rs. 14,97,034 against Rs. 15,92,734 in the previous year. The net revenue therefore was Rs. 15,25,732 against Rs. 14,06,642 showing an increase of Rs. 1,19,090.

39. The revenue derived from the non-refundable duty on cotton was Rs. 31,19,889, the Municipal share being Rs. 13,37,095 against Rs. 11,34,083 in the previous year.

40. The total revenue during the year was Rs. 28,62,827 against Rs. 25,40, 725 in the preceding year.

V.—Public Works.

Municipal Building Construction.

41. The general conditions as regards building materials and labour were favourable during the year.

42. The following are among the important works completed during the year :—

(1) Temporary Market at Dadar.
(2) Additional office accommodation for the Health Department Stable at Dadar.
(3) Quarters for Mangs at the King Edward Memorial Hospital.
(4) Additional quarters for Nurses at the Arthur Road Hospital.
(5) Additional quarters for Lascars at the Naigaum Fire Brigade Station.

Overbridges.

43. Delisle Road overbridge though opened to traffic has not yet been taken over from the Railway Company as defects in surfacing of roads and foot-paths have not been rectified by them. Dadar Road overbridge now named Tilak Bridge was taken over from the Railway Company on 30th January 1929. Owing to a dispute between the Railway Company and the Municipality with regard to the incidence of cost of the modern method of road surface over the Mahaluxmi Overbridge the bridge could not be opened to traffic but the dispute being now settled by arbitration it is hoped to open the bridge to traffic soon after the monsoon.

Roads.

44. The work of cutting through Golanji Hill will be taken in hand shortly. Twelve further properties were acquired in the Hornby Road Ballard Pier Scheme at a cost of Rs. 3,65,834. Twelve buildings were demolished and a sum of Rs. 7,825 was realized by the sale of building materials. Ten properties were acquired in the Tulsi Pipe line scheme at a cost of Rs. 3,52,780.

Mahim Development Schemes.

45. Building operations are going on along Dadar Kumbharwada Road now called Bhawanishankar Road and the locality is being developed throughout its entire length. Dighee tank has been filled in and the reclaimed site is now being used as a Recreation ground. The low lying ground in the Nardulla Park has been filled in and the Park is being used as a Recreation ground by the public in the locality. The carriage way along Lady Jamshetji Road has been asphalted from Bandra Causeway to Bombay Woollen Mills and all the traffic from Bombay to Bandra and the suburbs use this Road which has developed into a very important thoroughfare. The ground for the Mahim Park has been cleared and some of the plots have specially been laid out for Cricket, Tennis, Badminton etc. courts and let out to various clubs.

Drainage.

46. Eight works in connection with storm water drains, sewers etc., were carried out by contracts at a cost of Rs. 1,46,850 during the year. Nine works amounting to Rs. 22,630 were carried out through the Petty Works Contractors. 79 miles of pipe sewers, 10 miles of ovoid sewers and 21 miles of storm water drains were cleaned, the amount of silt removed being 2,931,485 and 9,998 tons respectively. 2,542 tons of silt were removed from catchpits on main and pipe sewers. In the year 1927 the Corporation having approved of the scheme for conversion of existing privies on the basket system into water closets on the full flushing system, a beginning was made in the year under report with the result that 2,412 privy seats were converted into water closets upto the close of the year. 187 sullage connections and 72 storm water connections were made.

Municipal Workshops.

47. The bills preferred by the Workshops against departments during the year amounted to Rs. 3,51,637 against Rs. 3,52,537 in the previous year, there being a loss of Rs. 21,150 in the working of the Shops which was due to the stoppage of Capital Works and reduction in the grants of other departments. The revised system of Accounting was worked during the year with satisfactory results. The new system of charging 50 per cent. on labour only was introduced in October 1928.

48. Ordinarily two electrically driven pumps dealt with sewage at the Love Grove Pumping Station, but during peak loads in the morning and the evening, the steam driven plant had to be brought into operation. During the monsoon both the steam and electric plant were kept running practically constantly to deal with the great quantity of storm water which found access into the sewers. The question of installing an additional pumping plant of sufficient capacity to deal with the maximum flow of sewage is receiving consideration.

49. The Screening Plant and Dredgers at the Love Grove Pumping Station were maintained in a good condition during the year, but the detritus chamber proved inadequate for its present duty. It will have to be enlarged considerably.

50. The additional water brought into the City and the increase in population have resulted in the surcharging of sewers. Some relief will be afforded when the ovoid sewer from Palton Road to Grant Road corner is completed. Proposals for relieving the congestion in the Malabar Hill locality will shortly be placed before the Corporation. The Drainage of the North when carried out will relieve the surcharging in the ejector districts in that area. This problem of the surcharging of the sewers of the City is proving very acute and requires urgent measures to deal with it. It is hoped the Corporation will not grudge money for this purpose even if it means some slackening of the activities on road construction.

51. To deal with the increased quantity of sewage the compressors at the Love Grove Pumping Station were worked to their fullest capacity.

52. The ejectors worked fairly well during the year, but in certain districts they were not able to cope fully with the enormously increased quantity of sewage owing partly to the increased water supply and mainly to the very large increase in population during the thirty five years of their existence.

53. A complete inspection of Workshops and Factories coming within the purview of the Municipal Act was carried out. 576 applications for permits and licenses and 38 cases relating to smoke and other nuisances were disposed of.

Roads and Footpaths.

54. Action under Section 305 of the Municipal Act was taken in respect of 43 private streets and 6 private streets were declared public under Section 306 of the Act during the year. 19 roads and footpaths were taken over from the City Improvenent Trust and the Special Engineer, Development Works. 4,359 square yards of land were added to roads in different parts of the City as setbacks.

55. The general improvement in the condition of road surfaces was maintained and a good progress made in laying roads with permanent construction during the year.

56. No additional tram tracks were laid by the Bombay Electric Supply and Tramways Company except one siding at Connaught Road.

Public Lighting.

57. 6,853 gas lamps, 1,241 electric lamps, 243 incandescent kerosine oil lamps and 20 kerosine oil lamps were maintained during the year against 6,686, 1,155, 231 and 42 respectively in the previous year. The total cost of gas, electric, incandescent kerosine-oil and kerosine lighting amounted to Rs. 6,19,846, Rs. 2,55,916, Rs: 85,417 and Rs. 1,275 respectively.

Private Buildings.

58. The number of applications received for the erection of new buildings and for alterations to existing buildings was 2,744 against 2,754 in the previous year. 1,131 summonses were issued against houseowners under various sections of the Municipal Act. 797 notices were issued for the removal of unsafe structures of which 592 were complied with and 205 were pending at the close of the year. 17 buildings or portions thereof collapsed. In 12 cases there were no casualties but in the remaining 5 cases, 9 persons were injured and 2 were killed.

59. Action was taken in 14 cases for the removal of huts made of inflammable materials and in 12 cases the requisitions were complied with. Applications were made to the Standing Committee for the removal of unauthorised works in 13 cases. 18 notices were issued to provide sufficient means of egress all of which were complied with.

Health Camps.

60. 4 semi-permanent Health camps comprising 156 rooms were maintained. No new Health camps were erected during the year.

House Numbering.

61. The revised house numbering of the seven wards excepting the areas under the City Improvement Trust and the Municipal Development Schemes in F and G Wards was completed during the year.

Water Works.

62. The total quantity of water received during the year from all sources, *viz.*, Tansa, Vehar and Tulsi Lakes amounted to 27.801 million gallons or an average of 76.16 million gallons per day against 25.718 million gallons or an average of 70.5 million gallons per day in the previous year. The average daily supply per head for all purposes was 54.80 gallons against 52.2 gallons during the previous year.

63. The total rainfall at Tansa was 15 per cent. below the average of the preceding 5 years, while the total rainfall at Vehar, Tulsi and Powai Lakes was above the average of the last five years by 1 per cent, 14 per cent and 19 per cent. respectively. All the lakes overflowed during the monsoon.

64. The whole of the water supply received from Tansa Lake was chlorinated at Bhandup by the temporary chlorinating plant constructed in 1927 and the results of bacteriological tests showed a complete absence of Lactose Fermenters and B. Coli. The permanent chlorinating plant which is being installed by the Paterson Engineering Co., at Powai has not yet been brought into use but it is hoped that the contractors will be able to start the plant early in the ensuing year.

65. His Excellency the Governor of Bombay and Lady Sykes paid an informal visit to the Tansa Lake and inspected the whole of the Tansa Works between Tansa and Santa Cruz on 6th January 1929.

General Stores.

66. The total value of general stores available for issue was Rs. 11,44,326, and that of the stores issued Rs. 6,67,773 leaving a balance of Rs. 4,76,853 after the adjustment of small discrepancies.

67. Stores amounting to Rs. 10.27 lakhs were purchased during the year from the Annual Contractors. Indian made articles were used in preference to foreign goods wherever procurable at reasonable rates and of fairly good quality. About three-fourths of the total value of stores purchased was of Indian make.

68. On account of the depressed condition of the market, stores were purchased at very favourable rates throughout the year.

Fire Brigade.

69. The Brigade was maintained in a very efficient order throughout the year for which great credit is due to the Chief Officer and his staff. The training of the men was very good.

70. The number of calls received during the year was 445 of which 103 were false alarms against 396 and 111 during the preceding year. There were 9 calls to fallen buildings, accidents etc. The number of fires in the City was 238 against 217 in the previous year. Of these 155 were extinguished by the Brigade and 83 before their arrival. The total damage by fires amounted to Rs. 20,20,755 against Rs. 18,45,553 in the previous year.

71. The water supply was satisfactory and the attendance of the Water Department staff prompt.

72. Five persons lost their lives as a result of fires. Twentythree persons received minor injuries.

73. The total number of fire alarms installed is 152. 71 per cent. of the total number of calls were received through the system.

74. All the appliances were in good condition except one motor engine purchased 22 years ago.

75. The old Mahim Station was closed with effect from 24th April 1928.

76. On fifteen occasions, Brigade appliances turned out to fallen buildings. Three persons were killed and four slightly injured in the collapses to which the Brigade was called.

77. The popularity of the Motor Ambulance Service has increased. There were 728 calls to accidents and 1513 private hire calls against 609 and 1133 repectively in the preceding year. The amount of fees received for hire purposes was Rs. 8,800 as against Rs. 6,355 in the previous year.

Public Gardens.

78. Ten Public Gardens and fifteen public recreation and play grounds were maintained during the year. The number of visitors to the Victoria Gardens during the year was 23,21,244 against 23,25,223 in the year previous—a decrease of 3,979 which was due to the Mill Strikes and communal disturbances in the City. The Gardens were closed to the public for 21 days in February 1929 as the Cheshire Regiment was stationed there during the riots. During the year 110 Band

performances and 21 concerts of Indian Music were given at several places. Two Wireless Concerts were given free of charge by the Indian States and Eastern Agency, Ltd., and three by the Star Radio Co.

79. Our thanks are due to the Director and the staff of the Haffkine Institute for their assistance in post-mortem and bacteriological examinations and to the British India Steam Navigation and Peninsular and Oriental Companies and the Bombay Baroda and Central India Railway for transporting plants and animals at concessional rates.

80. In March 1929, Their Excellencies Sir Frederick and Lady Sykes visited the Victoria Gardens on the opening day of the National Baby and Health Exhibition held in the Gardens.

VICTORIA AND ALBERT MUSEUM.

81. The Museum was open to the public for 259 days during ten months of the year under report, and was temporarily closed to the public for the remaining two months as the roof over the galleries where the Industrial and Ethnological collections were exhibited, was in a dangerous condition and had to be renovated immediately. The number of visitors during the ten months was 7,73,079 giving a daily average of 2,985. Good progress was made in collecting specimens of agricultural interest and the collection attracted crowds of visitors particularly the show cases containing the scenes representing agricultural operations in fields and the lives of the agriculturists. The collection of the Old Bombay Room was made more comprehensive during the year.

VI.—Public Health.

82. In accordance with the methods of calculation approved by Government, the estimated population in the middle of the year 1928 was 1,298,708. The birth rates and death rates have been calculated on this figure.

83. The number of live-births during the year was 24,017 against 21,685 in the previous year. The birth rate per 1000 persons was 18.5 against 16.7 in the preceding year.

84. The total deaths during the year numbered 27,312 being 321 less than in the previous year. The death rate per 1000 persons was 21.0 against 21.3 in the previous year and was lower than the figure recorded for any year since 1872.

85. The total mortality from plague, cholera and small pox was 257, 34 and 597 against 207, 82 and 842 respectively during the preceding year. The number of deaths from Tuberculosis was 1,764 being 43 less than the decennial average.

86. The mortality among infants was 7,468 against 6,857 in the previous year. The rate of infant mortality per 1000 births was 311 as compared with 316 in the preceding year. The lowering of the death rate in spite of the increase by 611 in the number of deaths is accounted for by the increase in the number of births on which the rate has been calculated.

87. The usual measures for the reduction of infant mortality were taken during the year. Municipal Nurses visited the localities and chawls inhabited by the poor and gave advice as to the care and upbringing of infants and did much useful work in diffusing elementary knowledge of the principles of Health and Hygiene to ignorant people. 10 Nurses were employed in 1928. During the year they paid 41,461 visits to houses and chawls against 37,397 in the previous year. The number of cases admitted to the four maternity homes during the year was

2,850 against 2,189 admitted to three maternity homes in the previous year. Worli Home was opened during the year. The number of cases confined in the Homes was 2,597 against 2,005 in the previous year. Pure milk was supplied at two infant milk depots free or at a nominal price for the benefit of children born in the Homes or under the supervision of the Municipal Nurses upto August 1928. The supply was afterwards stopped on the grounds that the needs of infants and mothers were met by the Infant Welfare Society at their Centres. The maternity and child Welfare Scheme of this society showed considerable progress during the year.

88. The quantity of refuse dealt with by the conservancy staff amounted to 792,139 cart loads against 784,489 in the preceding year.

89. During the year 86,501 night-soil and cess-pool cart-loads and 3,704,995 night soil baskets were emptied at the several night-soil depots in the city against 81,394 and 3,791,789 in the previous year showing an increase of 5,107 cart-loads and a decrease of 86,794 baskets. 942 water closets were substituted for basket privies as compared with 518 in the preceding year.

Licenses.

90. The total number of Licenses issued and the fees recovered during the year were 14,360 and Rs. 1,29,467 against 14,220 and Rs. 1,26,017 during the preceding year. The loss of fees incidental to the disuse or demolition of old licensed places or their diversion to uses not requiring licenses amounted to Rs. 10,568 against Rs. 17,403 in the preceding year.

91. Owing to a representation made by the manufacturers of indigenous cigarettes against certain conditions included in the license, being under the consideration of the Corporation and the Collector of Bombay, the issue of licenses for the trade was suspended after 16th July 1928.

92. The total revenue derived from the control of Sky-signs and advertisements in the city amounted to Rs. 34,163 against Rs. 33,429 in the preceding year.

93. The licensing of hawkers and the removal of encroachments worked successfully during the year and the total revenue was Rs. 83,037. Assaults on the Municipal Staff engaged in the work were not uncommon and resulted in injuries more or less serious. It is hoped that with the co-operation and assistance of the police it will be possible to control hawking in the city more satisfactorily in future but the problem is one of great difficulty.

Markets.

94. The total revenue from Markets and Slaughter Houses amounted to Rs. 12,13,440 against Rs. 11,54,113 in the previous year. A new Municipal Market at Dadar was opened. The Gilder Tank Market remained vacant for the whole year except for a few hours in the afternoon daily, when a wholesale vegetable Market was held.

95. License fees amounting to Rs. 27,822 were recovered on account of private Markets against Rs. 27,925 in the previous year. A new private market was opened at Jail Road.

96. The total quantity of unwholesome food destroyed amounted to 2,44,861 lbs. against 3,20,438 lbs. in the previous year. The quantity of contraband meat seized and destroyed was 4,156 lbs. against 4,277 lbs. in the previous year. The small quantity of contraband meat seized was due to the fall in the import of

contraband meat due to the permission granted to import Kurla meat into the City. The number of buffaloes slaughtered at Bandra was 10,471, that of cows and bullocks 37,321, and of sheep and goats 8,66,878 against 10,833, 37,270, and 9,11,548 in the previous year. 2 buffaloes, 517 cows and bullocks and 12,013 sheep and goats were rejected. The number of pigs and piglings brought for slaughter at the Arthur Road Slaughter House was 1,746.

97. The fines inflicted by the Presidency Magistrates for infringement of the provisions of the Municipal Act and Bye-laws amounted to Rs. 729 against Rs. 1,088 in the previous year.

98. The Refrigerating plant in the Arthur Crawford Market worked satisfactorily.

The King Edward VII Memorial Hospital and the Seth Gordhandas Sunderdas Medical College.

99. The Hospital worked with 334 beds. 8,141 in-patients and 48,160 out-patients were treated during the year. The total expenditure incurred on the maintenance of the hospital was Rs. 4,81,492. During the disturbances that took place at the close of the year special arrangements were made for the treatment of the wounded and the Resident Medical, Nursing and menial staff and the students rendered excellent help in tiding over the emergency.

100. There were 192 regular students. Examination results of the College were satisfactory. The college has been affiliated to the University for the B. Sc. course in certain medical subjects. The total expenditure on the college and hostel was Rs. 2,17,668 and the revenue on account of fees, hostel rent etc., was Rs. 56,017.

101. The progress made by the Hospital and College was substantial and reflects great credit not only on the Dean and his staff but also on the Honorary staff.

102. Our best thanks are due to those who gave donations, gifts etc., to the Hospital and College.

103. On the 20th February 1929, Their Excellencies Sir Frederick and Lady Sykes visited the Hospital and College.

Education.

104. The total number of schools at the close of the year was 341 against 344 in the previous year. Two new schools were opened and five were either amalgamated with other schools or closed.

105. The total number of pupils was 49,659 against 50,249 in the previous year. The number of teachers was 1,920 against 1,936 in the previous year and that of special teachers was 151 against 152 in the previous year.

106. The total expenditure amounted to Rs. 30,12,213 against Rs. 29,50,599 in the preceding year showing an increase of Rs. 61,614.

107. The number of schools to which grants-in-aid were given was 176 against 173 in the previous year and the total amount of grants-in-aid paid was Rs. 1,81,210 against Rs. 1,74,703 in the preceding year.

108. Owing to the mill strike throughout the year and the communal riots which took place in the last quarter of the year the progress of Free and Compulsory education in F and G wards was seriously hampered. The Government sanction to enforce compulsion in the case of Moslem girls upto ten years of age was not received in time and consequently the actual introduction of compulsory education amongst them had to be deferred till the next year. Government are not prepared to consider the question of according sanction to the scheme to introduce Free and Compulsory education in B and E wards pending the disposal of the suit filed against them by the Corporation.

109. The Boy Scout movement showed good progress during the year.

Municipal Servants Act.

110. The beggaries of the Drainage Department Struck Work during the month of October 1928. The provisions of the Municipal Servants Act had therefore to be put into operation on the occasion against some of the strikers.

A. R. DALAL,
Municipal Commissioner.

CHIEF ACCOUNTANT'S REPORT

FOR 1928-29.

Contents.

	Pages
Opening Remarks	19 to 21
Income	21 to 22
Octroi Duties	23
Revenue Expenditure (including Lapsed Grants and Savings)	23 to 27
Loan Works Expenditure	28 to 29
Loans Raised	29
Debt and Sinking Funds	29 to 30
Liabilities and Assets	30
Investments and Invested Balances	30
Special Funds	31
Water Works Income and Expenditure Account and Assets and Liabilities ..	31
Markets and Slaughter Houses Account	31
Suspense Accounts	32 to 33
Street Improvements	33
General Remarks	34
List of Appendices	35

FINANCIAL.

Report of M. R. Tambe, Esq., Chief Accountant, for the financial year 1928-29 forwarded with his No. A.E./C.$\frac{696}{\text{Annual Report}}$, dated 15th August 1929 :—

I have the honour to submit my report on the accounts of the Municipality for the year 1928-29.

2. During the year under report, the rates of taxation were as shown below :—

Particulars.	Rates for 1928-29.
General Tax	1½ per cent.
Fire Tax	½ ,, ,,
Water Tax on value	3¾ ,, ,,
Do. Meter Measurement.	Same as those of the previous year except in the following cases :—

—	Rates for 1927-28 per 1,000 gallons.	Rates for 1928-29 per 1,000 gallons.
	Rs. a. p.	Rs. a. p.
Milch cattle stables, cotton and other mills, bleaching mills ...	0 12 0	0 10 0
Race Course	0 8 0	0 12 0
Hotels	1 0 0	0 12 0
Building purposes, Railways, Port Trust, Flour mills, other factories, stables, miscellaneous properties, Ghatkopar (Railway Station), Bandra Station and Bandra Marshalling Yard ...	1 0 0	0 14 0
Government properties	Different rates.	0 8 0

Halalkhore Tax	3 per cent.

3. The Income and Expenditure for the year compares with the Original and Revised Estimates and the Actuals for the preceding year as follows :—

—	1928-1929.			Actuals for 1927-1928.	Increase or Decrease as compared with		
	Budget	Revised	Actuals.		The Budget.	The Revised Estimates.	Previous year's Actuals.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Income ...	3,27,43,589	3,19,28,754	3,15,33,383	3,17,08,288	—12,10,206	— 3,95,371	— 1,74,905
Expenditure	3,33,37,531	3,37,43,063	3,27,50,278	3,14,45,875	— 5,87,253	— 9,92,785	+ 13,04,403
Deficit ...	—5,93,942	—18,14,309	—12,16,895	+2,62,413 (surplus).	...	...	...

4. The net unhypothecated Surplus Cash Balance on 31st March 1929 is as under:—

Liabilities.	Rs.	Rs.	Assets.	Rs.
Reserve Stock	9,42,998			
Less—On account of Capital Stores ..	3,39,248			
		6,03,750		
Plant and Machinery—				
Advance up to 31st March 1929.		18,80,037		
Advance for levelling, metalling, etc., of private streets and for Bicycles and Motors, to Municipal employees		41,895		
Advance for conversion of insanitary basket privies into water-closets by subsidising house owners		90,400		
Minimum required by law ..		1,00,000		
Surplus Cash Balance		44,86,088		
Rs. ..		72,02,170	Rs. ..	72,02,170
			Surplus Revenue Fund, Appendix No. 2 of the Chief Accountant's Administration Report (1928-29).	72,02,170

5. The opening and closing Reserve Stores (including Capital Stores) Balances are as compared below :—

——	1928-29.	1927-28.	Decrease.
	Rs.	Rs.	Rs.
Serviceable Stores	9,42,998	9,51,159	—8,161

6. The outstanding of rates, taxes and meter hire at the close of the year 1928-1929 stood at Rs. 22,00,890 against Rs. 16,04,461 in the previous year, showing an increase of Rs. 5,96,429.

Outstanding at	General Tax.	Water Tax.	Halalkhore Tax.	Wheel Tax.	Meter Hire.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
31st March 1928	6,43,019	7,02,514	1,74,505	80,196	4,227	16,04,461
Do. 1929	10,46,534	8,47,908	2,23,134	79,865	3,449	22,00,890
	4,03,515	1,45,394	48,629	331	778	5,96,429
	Increase	Increase	Increase	Decrease	Decrease	Increase

The amount outstanding on account of rates, taxes and meter hire at the close of each year during the last five years was as under:—

Year.	Outstanding.	Net Demand.	Percentage of Outstanding to Net Demand.
	Rs.	Rs.	
1924-25	15,04,984	2,40,85,594	6·25
1925-26	15,77,797	2,49,77,230	6·31
1926-27	13,45,427	2,60,93,298	5·15
1927-28	16,04,461	2,58,17,754	6·21
1928-29	22,00,890	2,59,90,599	8·47

The details of outstandings and the reasons therefor have been fully dealt with in the Assessor and Collector's report.

7. The Loan liabilities at the beginning and at the end of the year were as under :—

Outstanding debt at 1st April 1928.	Loans raised during the year.	Repayment during the year.	Outstanding debt at 31st March 1929.
Rs.	Rs.	Rs.	Rs.
18,74,72,395	.....	26,13,070	18,48,59,325

It is to be noted that Rs. 11,57,208 were repaid to Government on the basis of equated payments out of revenue, that Rs. 3,93,362 were repaid to Government out of Sinking Fund Investments and that Rs. 10,62,500 were paid to debenture holders out of Sinking Fund Investments.

The state of the Sinking Fund is shown below :—

Amount of Fund at 1st April 1928.	Interest realizations.	Sinking Fund Instalments.	Total.	Withdrawn for (*a*) repayment & (*b*) adjustment of the difference between book & Market value.	Amount of Fund at 31st March 1929.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
2,91,23,897	12,96,787	21,07,880	3,25,28,564	(*a*) 14,55,862 (*b*) 11,60,535	2,99,12,167
				26,16,397	

In addition to this Rs. 8,55,615 are held in Sinking Fund Investments Reserve Fund to make good the difference between the book and the market value.

As appoved under Corporation Resolution No. 6114 of 12th September 1927, the book value of the securities other than the Municipal debentures held in Sinking Funds has been adjusted so as to hold the securities in the books of accounts at market rates prevailing on 1st April 1928 instead of face value as done hitherto. The difference thus written off amounted to Rs. 11,60,535.

INCOME.

Actuals compared with the Original Budget Estimates.

8. A detailed comparison between the Budget Estimates and the Actuals will be found in Appendix No. 3. The estimated Revenue for the year was Rs. 3,27,43,589 against which the Actuals amounted to Rs. 3,15,33,383 resulting in a decrease of Rs. 12,10,206. The decrease under Rates and Taxes aggregated Rs. 14·13 lakhs and is distributable under General Tax (6·18), Water Tax (6·01), Halalkhore Tax (·97), Wheel Tax (·60) and Fire Tax (·37).

The arrears of taxes due from G. I. P. Railway and from other Public bodies amount to Rs. 8·47 and Rs. 1,75 lakhs respectively and the balance is due from the public. The Railway has withheld the payment of Municipal dues claiming preferential treatment for he Railway properties since the Railway is state-managed. The actual receipts from mills have fallen short of the estimated receipts by about Rs. 2·18 lakhs owing to closure of mills due to strikes. The decrease under Education Primary is due to less receipts from Government as the dispute regarding Government liability in this respect has not yet been settled. The other decreases are Rs. .53 under Town Duty, Rs. ·32 under Ground Rent from Tramway Company (this was received in the following year) and Rs. 1·36 under contribution from Capital Funds to Revenue on account of Loan Works staff due to less expenditure on Capital works. These decreases were counter-balanced by an increase of Rs. 4·14 under Interest and Profit on Investments on account of interest realised on large unexpended loan balances in hand.

9. The position as regards our principal sources of Income, *viz.*, General Tax, Water Tax and Halalkhore Tax will be seen from the sub-joined statement :—

1928-29.	Amount.	Total.	Grand Total.	1927-28.	Amount.	Total.	Grand Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
1. General Tax (including Fire Tax) at 11½ per cent.—				1. General Tax (including Fire Tax) at 11½ per cent.—			
Total collections booked	1,31,82,901			Total collections booked	1,32,37,535		
Less—				*Less*—			
Recoveries for previous years	4,14,373			Recoveries for previous years	4,45,922		
	1,27,68,528				1,27,91,613		
Add—				*Add*—			
Outstandings for the year at the close of the year	9,33,609	1,37,02,137		Outstandings for the year at the close of the year	5,42,772	1,33,34,385	
2. Water Tax at 3¾ per cent. and water charges by measurement and at compounded rate—				2. Water Tax at 3¾ per cent. and water charges by measurement and at compounded rate—			
Total collections booked...	63,54,557			Total collections booked...	67,60,309		
Less—				*Less*—			
Recoveries for previous years	1,04,694			Recoveries for previous years	1,31,269		
	62,49,863				66,28,940		
Add—				*Add*—			
Outstandings for the year at the close of the year	7,84,466	70,34,329		Outstandings for the year at the close of the year	6,51,793	72,80,733	
3. Halalkhore Tax at 3 per cent. and for special service—				3. Halalkhore Tax at 3 per cent. and for special service—			
Total collections booked	32,10,343			Total collections booked...	32,74,224		
Less—				*Less*—			
Recoveries for previous years	95,207			Recoveries for previous years	1,09,950		
	31,15,036				31,64,274		
Add—				*Add*—			
Outstandings for the year at the close of the year	1,95,184	33,10,220		Outstandings for the year at the close of the year	1,47,137	33,11,411	
			2,40,46,686				2,39,26,529

Net Income from Property Taxes for 1928-1929	Rs.	2,40,46,686
Deduct—Net Income from Property Taxes for 1927-28	„	2,39,26,529
Increase	Rs.	1,20,157

OCTROI DUTIES.

10. The various articles on which duty was levied at the time of import under the provisions of Section 192 (1) of the Municipal Act, the amount levied and refunds allowed thereon under Section 195 on their export are shown in Appendix No. 17.

The gross collections for the year were estimated at Rs. 32,00,000, the refunds at Rs. 16,00,000 and the net revenue at Rs. 16,00,000. The actual gross realizations by the Port Trust and the two Railways were Rs. 30,22,767 and the refunds paid aggregated Rs. 14,48,626.

The revenue collected and paid into the Municipal Treasury in the year amounted to Rs. 29,95,348 and after deducting the amount of refunds, the net receipts amounted to Rs. 15,46,676 showing an increase of Rs. 1,07,859 as compared with the actuals of the previous year, *viz.*, Rs. 14,38,817. This increase is chiefly due to less refunds on sugar, etc.

COTTON DUTY.

11. Under Bombay Act XX of 1920, the net proceeds of the duty after deducting cost of collection are divisible between Government and the Municipality in the proportion of 4 to 3. The net total collections received from the two Railways and the Port Trust during the year under report amounted to Rs. 31,19,889 as against Rs. 26,46,195 of the previous year. Rs. 17,82,794 represent the share of Government and Rs. 13,37,095 that of the Municipality. There is thus an increase of Rs. 2,03,012 compared with the actuals of the previous year, *viz.*, Rs. 11,34,083 (*vide* Appendix No. 18).

REVENUE EXPENDITURE.

12. The final sanctioned grants amounted in the aggregate to Rs. 3,50,12,603 as follows:—

Budget grants	Rs.	3,33,37,531
Unexpended grants of previous years renewed for expenditure	„	6,39,035
Additional grants	„	10,36,037
Final sanctioned grants	Rs.	3,50,12,603

13. The transfers from one Budget head to another without in any way affecting the total Budget provision for the year amounted to Rs. 5,61,753.

14. In the following statement the final grants sanctioned from 1924-25 are compared with the savings year by year:—

Year.	Final grants sanctioned.	Grants to be renewed for expenditure in the following year.	Expenditure booked against final grants.	Savings on final grants sanctioned.
	Rs.	Rs.	Rs.	Rs.
1924-25 ...	3,36,61,139	18,76,648	3,00,57,096	17,27,395
1925-26 ...	3,43,55,940	15,68,726	2,90,87,636	36,99,578
1926-27 ...	3,36,17,858	6,68,083	3,01,62,656	27,87,119
1927-28 ...	3,37,33,677	6,39,035	3,14,45,875	16,48,767
1928-29 ...	3,50,12,603	8,28,858	3,27,50,278	14,23,467

15. The total lapsed grants estimated to be renewed in 1929-30 aggregate Rs. 8,28,858 against Rs. 6,39,035 in 1928-29 and the heads under which the renewals are required will be found in Appendix No. 4.

The more important renewals over Rs. 10,000 and the percentage of renewed grants to grants allotted are shown in the following table :—

Percentage of renewals to total sanctioned grants.	Departments and Service Heads.	Total Renewals.
		Rs.
	I—General Supervision, Collection of Revenue, etc.—	
4·84	A—General Superintendence	28,268
2·24	B—Collection of Revenue	13,317
11·39	E—Miscellaneous charges	64,555
20·45	Debt charges	1,27,457
	II—Water Works (including debt charges amounting	1,61,157
2·25	to Rs. 89,247).	
29·84	IV—Education-Secondary	35,632
2·55	V—Public Health	25,079
3·96	VI—Hospitals and Medical Relief	71,143
	VII—Street Cleansing and Conservancy including Road	48,679
1·58	Watering.	
3·70	VIII—Roads and Overbridges	62,197
	X—Drainage and Sewerage including Halalkhor	1,28,641
5·48	Branch.	
2·78	XI—Fire Brigade	11,912
6·60	XIII—Gardens and Open Spaces	13,456
1·90	XIV—Markets and Slaughter Houses	16,100

Against the figure of lapsed grants of Rs. 5,74,520 shown in the Revised Estimates, the actual figure on account of lapsed grants now works out at Rs. 8,28,858 showing an increase of Rs. 2,54,338 over the former figure. This figure is made up of Rs. 2,19,533 on account of interest charges on Municipal debentures due but not paid up to the end of 1928-29 and the balance of Rs. 6,09,325 is intended for meeting liabilities incurred and to be incurred.

Comparison between the actual expenditure during 1927-28 and 1928-29.

16. A detailed comparison between the actual expenditure during 1927-28 and 1928-29 will be found in Appendix No. 4.

The increases in expenditure aggregated Rs. 23,39,773 under certain heads and the decreases amounted to Rs. 10,35,370 in other heads. From both these figures a sum of Rs. 3,20,648 on account of adjustment of proportion of General Superintendence chargeable to Water Works should be deducted, so that the real increases and decreases amount to Rs. 20,19,125 and Rs. 7,14,722 respectively giving a net increase of Rs. 13,04,403.

The following were the main factors contributing to the Increases and Decreases :—

Budget Head.		Amount of Increase.	Amount of Decrease.	Remarks.
		Rs.	Rs.	
I. General Supervision—				
A. General Superintendence—				
(*a*) Corporation and Standing Committee. Decrease as per Appendix No. 4.	Rs. 30,838			
Less— Amount transferred to Water Works..	19,777	.. ...	11,061	Mainly due to decrease under fees payable to members of the Standing Committee, now discontinued.
(*b*) Municipal Commissioner's Personal and General Office. Increase as per Appendix No. 4 ...	59,651			
Add— Amount transferred to Water Works...	28,223	87,874	.....	Increase due to the expenditure on account of printing of voters' lists and the General elections.

Budget Head.	Amount of Increase.	Amount of Decrease.	Remarks.
	Rs.	Rs.	
I. General Supervision—*contd.*			
B Collection of Revenue—			
(*a*) Property and Wheel Tax Establishment.— Amount transferred to Water Works ...Rs. 1,47,538			
Less—			
Decrease as per Appendix No. 4 ... ...Rs. 1,29,039	18,499	.....	Increase under Establishment due to new appointments of one Asstt. Assessor and 2 probationers, revision in the grade of Supdts. and increments to staff and Ag. arrangements in the leave vacancy of the Assessor and Collector.
(*c*) Town Duty Refund Branch.	.....	7,033	Decrease under Establishment owing to revision of the grade of the T.D.R.O. and appointment of Ag. incumbent on the minimum of the grade, the pt. incumbent holding the post of Ag. S. L.
E Miscellaneous charges—			
Amount transferred to Water Works ... ...Rs. 70,452			
Less—			
Decrease as per Appendix No. 4 ... ... Rs. 42,097	28,355	.....	There was an increase of Rs. 32,336 under pensions and of Rs. 27,686 on account of write off of deficit in over head cost of workshops in 1927-28. These were counterbalanced by a decrease of Rs. 24,896 on account of Bank's commission and Miscellaneous loan charges now shown under "Debt charges."
F Election Expenses—			
Increase as per Appendix No. 4 ...Rs. 34,871			
Add—			
Amount transferred to Water Works ... ... Rs. 4,982	39,853	.....	Due to preparation of Electoral Roll for elections of 1929-30.
Debt charges	8,78,349	.....	Due to provision for the first time for S. F. charges on Development Loans and interest and S. F. charges on the new loan of 25 lakhs (1927-28) and to transfer of charges on account of Bank's commission and Miscellaneous loan charges under this head.
New Works—			
Increase as per Appendix No. 4 ... ...Rs 7,706			
Add—			
Amount transferred to Water Works .. ... Rs. 1,273	8,979	.....	Larger number of new works executed.
II. Water Works—			
A. Establishment and Labour ...	.....	6,324	Decrease due to less expenditure on labour.
B. Repairs and Maintenance.	.....	23,126	There were decreases under (1) Materials for works in Bombay (5) Repairs to Roads over trenches and (14) Maintenance of new embankments and culverts from Tansa to Bandra, partly set off by increase under (11) Repairs to leaks along Tansa dam.

Budget Head.	Amount of Increase.	Amount of Decrease.	Remarks.
II.—Water Works—*contd.*	Rs.	Rs.	
C. Meters	.....	26,638	Represents value of surplus stock of meters sent to S. K.
D. Miscellaneous	.....	43,034	Decrease under tools and plant, maintenance of pumping engine and plant and under chlorinating the Bombay water supply.
Debt charges	.....	17,363	Due to repayment of 7 and 12 L. L. during 1927-28.
New Works	.....	9,998	Smaller number of new works executed.
III. Education—Primary—			
(*a*) Municipal Institutions	.....	1,07,332	Due to smaller contribution required to be made to the School Committee.
V. Public Health—			
A—General Supervision	5,455	.....	Increase under Medical and Sanitary staff on account of yearly increments instead of five yearly ones.
C. Epidemics	.....	9,682	Due to less expenditure on Establishment, medicines and diets.
E. Malaria	26,377	.....	Increase under Anti-Malarial measures as under— Establishment... ... ... Rs. 18,628 Municipal Contribution towards the cost of malarial survey ... ... „ 8,050 Rs. 26,678
VI. Hospitals and Medical Relief—			
A. Hospitals and Dispensaries—			
(*a*) Infectious Diseases Hospitals—			
II. Arthur Road Hospital for Infectious Diseases.	6,223	.....	Increase under diets, dead stock, special Repairs and Depreciation.
(*b*) Maternity Homes	15,417	.....	Increase due to the opening of a Maternity Home at Mahim (Cadell Road)
E. Anti-Tuberculosis Dispensary ..	.....	8,032	Less expenditure under Turner Sanitorium in respect of diets and repairs and maintenance.
G. K.E.M. Hospital	28,933	.....	Increase mainly under Establishment, Medicines, etc. and diets due to increased number of patients.
VII. Street Cleansing and Conservancy—			
A. Street Cleansing and Conservancy—			
(C.) Street Cleansing—			
(*a*) Scavengering	.....	5,974	Due to less expenditure on labour.
(*b*) Road Scraping	.....	12,841	Due to decrease of Rs. 6,538 under motor traction as no provision for depreciation of motors was necessary and of Rs. 5,226 under motor sweepers and brushers owing to the discontinuance of motor sweepers.
(*c*) Removal of Town Refuse ..	.....	41,424	Due to less expenditure on repairs and maintenance under motor traction and on feed of bullocks under bullock traction due to favourable rates for fodder.
(*f*) Miscellaneous	33,322	.....	Increase under rent of Buildings on account of hiring two blocks of Foras Road Chawls from C. I. T. and under water supply by meter.
Transport of Refuse, etc., to Deonar,	7,840	.....	Increase due to more expenditure on account of haulage charges.
New Works	.....	5,714	Due to smaller number of new works undertaken.

Budget Head.	Amount of Increase.	Amount of Decrease.	Remarks.
	Rs.	Rs.	
VIII.—Roads and Overbridges—			
A. Roads, Overbridges and footpaths	.....	1,28,227	Decrease due to less repairs on account of Asphalt roads.
C. Cleansing and Repairing Port Trust Wharves and Roads.	.....	1,30,723	The payment during 1927-28 included arrears of rebate paid to the Bombay Port Trust for the years 1923-24 to 1925-26.
IX.—Public Lighting	28,508	.....	There was increase of Rs. 70,757 under gas and electric lighting due to additional lamps put up and taken over counter-balanced by decreases of Rs. 15,681 and Rs. 24,012 under oil lighting and lighting Port Trust Wharves, etc., respectively.
X.—Drainage and Sewerage—			
B Pumping and Compressor Stations.			
(*f*) Compressor Station at Arthur Road.	.....	6,615	Less expenditure under upkeep charges.
C. Halalkhore Branch—			
(*a*) Cleansing and Sanitation ...	.....	17,933	Decrease under labour charges.
(*b*) Bullock Traction	.....	10,013	Due to less expenditure under labour and feed of bullocks.
(*c*) Motor Traction	9,922	.....	Increase under depreciation and repairs and maintenance.
(*d*) Miscellaneous...	.....	24,889	Less expenditure mainly under improvements and repairs and maintenance of latrines, urinals, etc.
New Works	31,642	.....	Due to more expenditure on New Works.
XI.—Fire Brigade	15,490	.....	Increase under Establishment, Stores and Depreciation.
XII.—Building Regulations, etc.—			
E. Removal of Encroachments on Public Streets.	12,566	.....	Increase under Establishment.
XIII.—Gardens and Open Spaces—			
B. New Gardens, etc.	8,590	.....	Due to provision of apparatus for gymnastic equipments for children on the Wellington play ground at Ripon Road and the lay out of area at Babula Tank.
XIV.—Markets and Slaughter Houses—			
(*b*) Municipal Markets	10,223	.....	Due to special repairs works undertaken.
(*c*) Slaughter Houses	.....	5,882	Less expenditure under feed and repairs and maintenance.
Debt charges...	.....	14,054	Due to repayment of loan of Rs. 10,08,500 during 1928-29.
New Works	.....	6,480	Due to smaller number of new works undertaken.
XV.—Contribution to the City Improvement Trust.	.....	8,850	Due to less realization of the General Tax.
XVI.—Contribution to Provident Fund by the Municipal Corporation.	39,730	.....	Due to increase in the number of contributors.
XIX.—Loan Works Establishment ...	.....	55,617	Due to retrenchment in Loan Works staff.
XX.—Contribution from Revenue towards Bai Jerbai Wadia Hospital for children.	7,00,000	.....	A sum of Rs. 7 lakhs was transferred to Loan Funds during 1928-29 to meet payments on account of Municipal share from time to time towards the construction of Bai Jerbai Wadia Hospital for children.

EXPENDITURE ON CAPITAL WORKS.

Appendix No. 8.

17. The sub-joined statement shows the figures of the expenditure as per Revised Estimates and the Actuals under the Major Heads :—

——	Revised Estimates.	Actuals.
LOAN WORKS.	Rs.	Rs.
I. General Superintendence Collection of Revenue, &c.	53,291	53,291
II. Water Works Ordinary	2,28,933	1,18,773
Tansa Triplication	3,62,192	2,61,258
III. Education—Primary	50,251	30,289
V. Public Health	7,394	5,583
VI. Hospitals and Medical Relief	11,07,537	7,28,172
VII. Street Cleansing and Conservancy	1,40,419	7,667
VIII. Roads and Overbridges	15,28,317	11,83,967
X. Drainage and Sewerage.	9,53,961	5,84,959
XI. Fire Brigade	34,217	18,895
XIII. Gardens and Open spaces. ..	38,000	28,863
XIV. Markets and Slaughter Houses	22,896	11,575
Total Rs. ...(*a*)	45,27,408	30,33,292
Development Works ... ... (*b*)	27,33,347	23,61,402
Trust Funds ... ... (*c*)	49,174	32,381
Total (*a*), (*b*) and (*c*)...	73,09,929	54,27,075
Worn out Water Mains Renewal Fund	12,000	9,870
Land and Buildings Fund	1,400	*Cr.* 6,340
Works executed out of Surplus Cash Balance pending raising of a loan	.....	90,400

18. The following statement contrasts the expenditure on Capital Works with the Original and the Revised Estimates during the last five years :—

Year.	Loan and Development Funds and Trust Fund.			Percentage by which Actuals fell short of Budget Estimates.	Percentage by which actuals fell short of Revised Estimates.
	Budget Estimates.	Revised Estimates.	Actuals.		
	Rs.	Rs.	Rs.		
1924-25	2,78,35,758	4,88,79,450	3,36,99,767	—21	31
1925-26	1,85,26,059	2,25,16,585	1,62,35,789	12	28
1926-27	1,39,92,789	1,49,85,818	1,11,01 592	20	26
1927-28	93,44,033	1,02,27,849	71,69,061	23	30
1928-29	71,37,728	73,09,929	54,27,075	24	26

The original demand made by the Heads of Departments was for Rs. 90,60,435 but it was cut down by the Commissioner to Rs. 76,51,429 and the Commissioner's estimate was further cut down by the Standing Committee and the Corporation to Rs. 73,09,929 and still the actual expenditure was less than this estimate by 26 per cent. as shown above. These large variations between Estimates and Actuals of Capital expenditure under several service heads do suggest that the Heads of Departments fail to exercise due care and caution in framing these estimates.

19. The opening balance on account of Loan and Development Funds excluding Trust Funds on 1st April 1928 stood at Rs. 54,56,852. This was further augmented by the transfer of Rs. 7,00,000 from Revenue for meeting the share of Municipal contribution towards the capital cost of the construction of Bai Jerbai Wadia Hospital for children,

Rs. 90,400 advanced from Surplus Cash Balance pending raising of a loan for giving subvention for the conversion of privies into water closets and by the receipt of Rs. 3,52,259 on account of Development Fund and by the transfer of Rs. 7,28,068 from the Lands and Buildings Fund for meeting interest charges on loans raised for Development Schemes. The total funds available for expenditure were thus Rs. 73,27,579. Against these the expenditure on Loan and Development Works aggregated Rs. 54,85,094 leaving as closing balance Rs. 18,42,485 against Rs. 3,67,646 shown in the Revised Budget Estimates. In addition to this the unspent balance out of the Trust Fund stood at Rs. 54,888 at the close of the year.

The increase in the unexpended balance is principally due to the actual expenditure having fallen short of the Revised Estimates under Water Works (2 lakhs), Hospitals ($3\frac{3}{4}$ lakhs), Street Cleansing and Conservancy ($1\frac{1}{4}$ lakhs), Roads and Overbridges ($3\frac{1}{2}$ lakhs), Drainage ($3\frac{3}{4}$ lakhs) and Development Schemes ($3\frac{3}{4}$ lakhs).

LOANS.

20. During the year no loan was taken either from the Government or from the Public. In the Budget Estimates the amount of loan to be raised during 1928-29 was estimated at Rs. 25 lakhs but it was decided subsequently not to raise this amount in view of enough capital funds in hand.

The total amount paid in discharge of Municipal debt during the year amounted to Rs. 26,13,070 as per details given in column 7 of appendix No. 11.

21. The amount of Development Loans outstanding on 31st March 1929 aggregated Rs. 2,03,68,000 as under:—

(*a*)	Rs. 1,41,74,000	raised	from	Government in 1923-24	at 6 per cent. per annum.
(*b*)	Rs. 22,00,000	do.	do.	do. in 1924-25	at $5\frac{3}{4}$ per cent. per annum.
(*c*)	Rs. 39,94,000	do.	do.	Public in 1924-25 and 1925-26.	at 6 per cent. per annum.

The Corporation under their Resolution No. 5253 of 11th September 1928 have approved of the programme of repayment of loans (*a*) and (*b*) out of revenue in 13 instalments (last instalment being due on 31st March 1942,) and in 26 equal instalments (last instalment being due on 31st March 1955) respectively. The third loan became due for repayment on 1st August 1929 and its repayment has been arranged partly by the Sinking Fund and partly by raising a new loan.

22. Following the classification made by Sir Visvesvaraya of all the Loan Works under three distinctive groups for the purpose of appraising the distinctive character and value to the City in relation to the outlay, the allocation of outstanding debt as at 31st March 1929 and the debt charges involved will be seen from the following:—

Particulars of City Service.	Amount of Loan outstanding on 31st March 1929.	Debt Interest.	Sinking Fund and repayments.	Total Debt charges.
	Rs.	Rs.	Rs.	Rs.
General Services ...	7,82,32,370	40,70,310	12,82,681	53,52,991
Self-Supporting Services—				
Water Works ...	8,21,85,808	44,92,941	12,08,594	57,01,535
Markets and Slaughter Houses ...	44,66,509	2,81,436	80,450	3,61,886
Total Rs. ...	8,66,52,317	47,74,377	12,89,044	60,63,421
Development Schemes..	1,99,74,638	12,12,395	6,93,362	19,05,757
Grand Total Rs. ...	18,48,59,325	1,00,57,082	32,65,087	1,33,22,169

SINKING FUNDS.

23. From Appendix No. 10 it will be seen that taking the securities at book value, *viz.*, Rs. 2,99,12,167 and including interest accrued of Rs. 4,20,360 the invested balance of the Sinking Funds on 31st March 1929 amounted to Rs. 3,03,32,527. Valuing the Municipal debentures at par, the market value of Sinking Fund Investments held on 31st March 1929 comes to Rs. 2,94,36,276. The amount of interest accrued upto 31st March 1929 is Rs. 4,20,360 and cash with the Imperial Bank of India is Rs. 179. The total amount of Sinking Fund Investments so valued comes to Rs. 2,98,56,815 against Rs. 3,06,66,873, the amount to which the Sinking Funds should have accumulated upto 31st March 1929. The Sinking Fund Investments thus fall short of the actual requirements by Rs. 8,10,058. In accordance with Corporation Resolution No. 202 of 11th April 1927 this deficit has been made good by holding the securities of the face value of Rs. 9,67,800 having a market value of Rs. 8,09,523 *plus* cash of Rs. 535 in the Sinking Fund Investment Reserve Fund Account.

Liabilities and Assets.

Appendices Nos. 5 and 7.

24. It will be seen that the gross revenue liabilities of the Corporation stood at Rs. 1,71,77,566, the assets being Rs. 2,43,79,736. The difference of Rs. 72,02,170 represents the Surplus Revenue Funds as shown in Appendix No. 2.

25. The gross Capital liabilities of the Corporation including the balances available on account of Land and Buildings Fund, Trust Fund and Worn out Water Mains Renewal Fund stood at Rs. 18,56,56,867 at the close of the year under report and the assets at Rs. 27,43,47,051 resulting in a surplus of Rs. 8,86,90,184, the details of which are shown in Appendix No. 7.

Investments and Invested Balances.

26. The total sum of investment and reinvestment excluding Sinking and Special Funds during the year aggregated Rs. 8,10,81,960 :—

		Amount. Rs.	No. of days.
(1)	Current Account Deposits ...	90,88,210	36·17
(2)	Fixed Deposits	1,49,50,000	121·16
(3)	Deposits at Call and at 7 days' notice	5,65,50,000	13·64
(4)	Three months' Government Treasury Bills for five lakhs ..	4,93,750	92·00
	Total Rs.	8,10,81,960	

The interest earned during the year amounts to Rs. 7,52,760 of which Rs. 14,123 is credited to Development Fund and the balance of Rs. 7,38,637 to Revenue. The details of Rs. 7,52,760 are as follows :—

		Rs.
(1)	On current account deposits at a rate between 2 per cent. and 3 per cent.	21,953
(2)	On Fixed Deposits	2,46,097
(3)	On Deposits at Call	1,20,600
(4)	On investments in Government and other securities ...	3,64,110
	Total Rs. ...	7,52,760

The average rate of interest on fixed deposits was 4·95 per cent. against 4·72 per cent in the preceding year and on deposits at call was 5·70 per cent. against 5·78 per cent. in the preceding year. The rate realised for fixed deposits ranged from $3\frac{3}{4}$ per cent. to $6\frac{1}{2}$ per cent. and on deposits at call from 2 per cent. to $7\frac{1}{2}$ per cent. The maximum rates realised in the preceding year were $6\frac{1}{4}$ per cent. on fixed deposits and 7 per cent. on deposits at call.

The average rate of interest on current account deposits was 2·43 per cent. against 2·56 per cent. in the preceding year.

SPECIAL FUNDS.

Appendices Nos. 6 and 16.

27. The opening and closing balances to the credit of the different special funds, the additions made thereto and the withdrawals made therefrom during the year are shown in Appendix No. 6. The details of the different investments and the current market values are shown in Appendix No. 16 while Appendices Nos. 5 and 7 contain the total amount of paper held in each fund and the cash balance to its credit in the Imperial Bank of India.

WATER WORKS ACCOUNT.

Appendix No. 12.

INCOME AND EXPENDITURE ACCOUNT.

28. The following statement shows the Income and the Expenditure for the year as contrasted with the original estimates and the figures for the preceding year :—

	1928-29.		Actuals for 1927-28.	Increase or Decrease as compared with	
	Budget	Actuals.		The Budget.	The previous year's actuals.
	Rs.	Rs.	Rs.	Rs.	Rs.
Income ...	70,45,800	64,44,763	68,54,362	— 6,01,037	— 4,09,599
Expenditure...	69,86,818	68,46,601	69,59,774	— 1,40,217	— 1,13,173
	+ 58,982	—4,01,838	— 1,05,412	.....	.....

Appendix No. 13.

ASSETS AND LIABILITIES.

29. The liabilities at the close of the year stood at Rs. 9,57,90,303 and the assets aggregated Rs. 10,97,40,485. The excess of assets over liabilities thus amounted to Rs. 1,39,50,182.

MARKETS AND SLAUGHTER HOUSES ACCOUNT.

Appendix No. 13 A.

INCOME AND EXPENDITURE ACCOUNT.

30. The following statement shows the Income and Expenditure for the year as contrasted with the Original Estimates and the figures for the preceding year :—

	1928-29.		Actuals for 1927-28.	Increase or Decrease as compared with	
	Budget.	Actuals.		The Budget.	The previous year's actuals.
	Rs.	Rs.	Rs.	Rs.	Rs.
Income	11,63,000	12,07,276	11,50,504	+ 44,276	+ 56,772
Expenditure ...	8,24,058	7,79,004	8,00,702	— 45,054	— 21,698
	+3,38,942	+4,28,272	+3,49,802	... ..	.....

SUSPENSE ACCOUNTS.

WORKSHOPS.

Appendix No. 14.

31. The Income and Expenditure account for the year is shown in Appendix No. 14.

On reference to the Income and Expenditure account, it will be seen that as compared with the figures for the previous year 1927-28, the value of the departmental works carried out by the Workshops has decreased by about Rs. 754. The expenditure on maintenance and repair of the shop buildings, Machinery, etc., shows a decrease of Rs. 1,370 and that on salaries, office expenses and general charges of Rs. 149.

The amount realised from the sales of waste material and unserviceable stores has gone down from Rs. 2,419 to Rs. 1,299.

The revised system of cost accounts referred to in the report for the preceding year was in operation for the whole of the year under report. In their Resolution No. 5739 of 26th September 1928 the Standing Committee sanctioned the increase of supervision charges from 25 per cent. on materials and labour to 50 per cent. on the value of labour alone, to which reference was made in the last report. It has been proposed to increase the supervision charge further, to 66⅔ per cent. on the value of labour alone employed on each job and the matter is under the consideration of the Standing Committee and the Corporation.

The higher percentage of 50 per cent. was charged only during the last five months of the year under report and the loss on the working of the shops amounted to Rs. 21,328 against Rs. 27,686 in 1927-28.

ADVANCES RECOVERABLE.

Appendix No. 14 *B.*

32. It will be seen that the amount of advances recoverable stood on 31st March 1929 at Rs. 5,12,620 against the opening balance of Rs. 4,54,502 exclusive of Rs. 1,89,202 on account of advances made for financing the expenditure on levelling, metalling of Private Streets out of the Plant and Machinery Depreciation Fund. Efforts are being made to expedite recoveries.

DEPOSITS.

Appendix No. 14 *C.*

33. The opening balances on 1st April 1928 stood at Rs. 22,16,253. The receipts during the year amounted to Rs. 61,65,558 and the payments to Rs. 62,61,122. The closing balances aggregated Rs. 21,20,689 resulting in a decrease of Rs. 95,564 as compared with the previous year. The decrease was mainly under Paper Deposits of Rs. 1,37,100 counter-balanced by an increase under Cash-Deposits of Rs. 45,624.

RESERVE STOCK.

34. The receipts of General Stores during the year as per my books, aggregated Rs. 6,42,215 and the issues Rs. 6,18,801 thus resulting in an increase of Rs. 23,414 in the balance of current stores.

35. The work of verification of stock during 1927-28 at the Central Stores, the Bellasis Bridge Pipe Depot, the Municipal Workshops and Line Suspense Stores in charge of the Hydraulic Engineer was entrusted to Mr. K. N. Pagdiwala, Incorporated Accountant. The result showed a net excess of Rs. 1,436 which was reported to the Corporation (*Vide* Corporation Resolution No. 8195 of 6th December 1928).

In accordance with the recommendation No. 4 in para. 5 of the Report of the Tenders and Stores Sub-Committee adopted under Standing Committee Resolution No. 14401 of 28th March 1928, the previous method of appointing a stock verifier for a short period annually to check the Central Stores only was discontinued and a permanent stock verifier has been appointed to verify the central and other departmental stores.

As the stock verification of the Central Stores for 1927-28 was completed late in the year, no fresh verification of the stores section was conducted by the stock verifier. Instead he verified in detail the stores and dead stock of the following departments :—

(1) Mechanical Branch.
(2) Road Branch.
(3) Health Department.
(4) Conservancy Department.
(5) Drainage Department.
(6) Medical Institutions.

Though records of consumable stores were in all instances found to be maintained, in very few instances were any records of furniture and dead stock maintained. This defect has now been remedied by the stock verifier, who is under orders to insist upon the preparation of lists before he commences his check.

36. The balances of General, *i.e.*, current serviceable stores in charge of the Storekeeper are compared below for the last five years:—

			Rs.
Balance at the close of	1924-25	... ...	6,17,838
Do.	do.	1925-26	5,55,438
Do.	do.	1926-27	5,33,715
Do.	do	1927-28	4,64,508
Do.	do.	1928-29	4,87,922

Capital Stores.

The receipts of Capital Stores aggregated Rs. 2,71,043 and the issues Rs. 3,00,106, thus resulting in a decrease of Rs. 29,063 in the balance of Capital Stores.

37. The balances of Reserve Stock in hand in all departments at the close of the year as per the General books of this office amounted to Rs. 9,42,998 against Rs. 9,51,159, at the close of the preceding year, showing a decrease of Rs. 8,161 as per Appendix No. 14 D.

Street Improvements.

38. The provision made in the Revised Loan Works Budget for meeting claims on account of acquisition of set-backs was Rs. 5,84,295 under Loan Funds, the expenditure being Rs. 4,72,162.

After deducting all ascertained time-barred claims the undischarged commitments up to 30th June 1929 in regard to set-backs already acquired and sanctioned to be acquired amounted to Rs. 14,24,867 against which we have funds aggregating Rs. 6,25,526 as under :—

	Rs.
Unexpended balance in the provision for 1928-29 renewed for expenditure during 1929-30—Loan Funds	1,12,133
Provision during 1929-30 from Loan Funds	5,50,000
	6,62,133
Deduct—Expenditure upto 30th June 1929 out of Loan Funds	36,607
Balance available Rs.... ...	6,25,526

The excess of liabilities over funds available on 30th June 1929 thus amounts to Rs. 7,99,341. In addition to this, further liabilities may be expected on account of increase in rates when the time for payment of claims actually matures and on account of further acquisition of set-backs that will be sanctioned during the remainder of the year 1929-30.

General Remarks.

39. In the budget estimates for the year, the total income was estimated at Rs. 3,27,43,589, the total expenditure being estimated at Rs. 3,33,37,531. The budgetted deficit for the year was thus shown at Rs. 5,93,942. The actual income realised for the year amounted to Rs. 3,15,33,383 and the total expenditure aggregated Rs. 3,27,50,278 showing a deficit of Rs. 12,16,895. It is to be noted that the actual expenditure shown above is inclusive of Rs. 7 lakhs contributed from Revenue as the Municipal share towards the capital cost of constructing the Bai Jerbai Wadia Hospital for children. Excluding this item, the revenue expenditure for the year may be put at Rs. 3,20,50,278. The revenue side would have been better off to the extent of Rs. 8,47,000 had the G. I. P. Railway not withheld the payment of Municipal dues for reasons already stated.

The liabilities on account of development loans have been put on a satisfactory basis, as the interest and sinking fund charges thereon will hereafter be provided every year out of Revenue as in the case of other loans. The Corporation under their Resolution No. 2087, dated 14th June 1927, have approved of the scheme for accelerating the conversion of insanitary basket privies into water closets by subsidising houseowners. The total cost of the Scheme is estimated to be Rs. 26½ lakhs and the resulting saving in recurring expenditure on account of halalkhore service in sewered area is expected to be Rs. 4,43,000 a year. A beginning has been made during the year, for giving subventions and the total amount paid upto 31st March 1929 was Rs. 90,400. The expenditure is being financed out of Surplus Cash Balance pending the raising of a loan.

I have the honour to be,

Sir,

Your most obedient servant,

M. R. TAMBE,

Chief Accountant

Appendices.

No. 1.—General Financial Statistics.

No. 2.—Statement of Surplus Revenue Fund.

No. 3.—Statement showing the Income realised during 1928-29, as compared with estimates for the year as also with the actuals for the preceding year.

No. 4.—Statement showing the Expenditure during 1928-29, as compared with the Revised Estimates and the Actuals for the preceding year.

No. 5.—Balance Sheet (Revenue) as at 31st March 1929.

No. 6.—Statement of Special Funds for 1928-29.

No. 6A.—Statement showing details of Development Fund Receipts and Expenditure upto 31st March 1929.

No. 6B.—Statement showing details of allocation of interest paid on Development Loans.

No. 7.—Balance Sheet (Capital Funds) as at 31st March 1929.

No. 8.—Block Account, showing details of Capital Expenditure upto 31st March 1929.

No. 9.—Statement showing (1) outstanding Municipal Loans, (2) the expenditure incurred against each of them, (3) the amounts withdrawn temporarily from their unexpended balances to meet the cost of new works, etc., and (4) invested balances of the loans on 31st March 1929.

No. 10.—Statement showing the actual investment on account of the Sinking Fund of different loans upto 31st March 1929 compared with the amounts which should have accumulated upto that date on the basis of the fixed instalments and the sums set aside as Sinking Fund as at 31st March 1929.

No. 11.—Statement showing outstanding loans due by the Municipality, the interest outstanding on 1st April 1928 on the different loans, the amounts payable for the year 1928-29, the amounts paid by the Imperial Bank of India and office during that year and the balances outstanding on 31st March 1929.

No. 12.—Water Works, Income and Expenditure Account, including statement of income realizations for 1928-29, and preceding five years from water supply through meters.

No. 13.—Water Works Assets and Liabilities.

No. 13A.—Markets and Slaughter Houses, Income and Expenditure Account for 1928-29.

No. 14.—Municipal Workshops Income and Expenditure for the year 1928-29.

No. 14A.—Municipal Workshops Balance Sheet as at 31st March 1929.

No 14B.—Statement of Advance Accounts for 1928-29.

No. 14C.—Statement of Deposit Accounts for 1928-29.

No. 14D.—Statement of Reserve Stores Stock Accounts for 1928-29.

No. 15.—Statement of amounts of receipts and disbursements respectively credited and debited to the Municipal Fund during the year 1928-29 and the balance at the credit of the Fund at the close of the year 1928-29 (*i.e.*, 31st March 1929).

No. 16.—Comparison of Face, Purchase and Market Values at 31st March 1929 of the different securities held in the Special Funds.

No. 16-A.—Comparison of Face, Purchase and Market Values at 31st March 1929 of the different securities held in the Sinking Funds.

No. 16B.—Statement showing amounts of and the objects for which the donations held under Public Monuments Maintenance Fund are received from different parties upto 31st March 1929.

No. 16-C.—Statement showing the amounts of and the object for which the endowments held under Endowments Fund were received from different parties upto 31st March 1929.

No. 17.—Statement of Town Duties collected and refunds allowed in 1928-29.

No. 18.—Statement of net proceeds of Cotton Duty during 1928-29 and the share of the Government and the Municipality.

No. 19.—Statement of the Income of the Bombay Municipality from 1865 to the close of the financial year 1928-29.

No. 20.—Statement of the Expenditure of the Bombay Municipality from 1865 to the close of the financial year 1928-29.

No. 21.—Contrasted statement of Income and Expenditure from the year 1865 to the financial year 1928-29.

Appendix No. 1.

General Financial Statistics.

	1924-25.	1925-26.	1926-27.	1927-28.	1928-29.
General.					
1. Area of the City (acres) ..	15,291	15,291	15,336	15,336	15,536
2. Population..	12,34,855	12,54,502	12,74,149	12,93,796	13,13,443
Rates and Assessments.					
3. Rateable value .. Rs.	11,44,87,058	11,84,20,386	12,33,66,460	12,57,19,783	12,74,89,831
4. Rateable value per head of population	Rs. 92-11-4	Rs. 94-6-4	Rs. 96-13-2	Rs. 97-2-9	Rs. 97-1-1
5. Properties registered in the Assessment Book ..	45,674	46,138	46,899	47,198	47,705
Income.	Rs.	Rs.	Rs.	Rs.	Rs.
6. General Tax at 11 per cent.	1,22,50,837	1,23,22,100	1,27,10,850	1,26,61,950	1,26,09,968
7. Income from other sources	1,79,64,284	1,82,09,259	1,94,24,847	1,90,46,338	1,89,23,415
Total Income .. Rs.	3,02,15,121	3,05,31,359	3,21,35,697	3,17,08,288	3,15,33,383
8. Incidence of Taxation per head	Rs. 21-12-0	Rs. 21-14-4	Rs. 22-4-6	Rs. 21-7-5	Rs. 20-13-4
Loans.	Rs.	Rs.	Rs.	Rs.	Rs.
9. Debt outstanding ..	17,43,11,571	18,16,65,717	18,40,63,525	18,74,72,395	18,48,59,325
10. Redemption and Sinking Funds in hand or invested	2,96,43,114	2,64,31,256	2,94,90,675	2,97,74,441	3,07,67,782
11. Net Loan Debt	14,46,68,457	15,52,34,461	15,45,72,850	15,76,97,954	15,40,91,543
12. Net Debt per head of population	Rs. 117-2-5	Rs. 123-11-10	Rs. 121-5-0	Rs. 121-14-2	Rs. 117-5-1
Expenditure.	Rs.	Rs.	Rs.	Rs.	Rs.
13. Primary Education ..	24,85,087	27,03,667	30,06,700	29,76,706	28,68,473
14. Hospitals and Medical Relief	9,03,884	9,81,957	14,44,718	15,86,687	16,27,649
Water Works.					
15. Maintenance ..	8,00,471	8,17,335	7,83,584	9,21,581	11,33,109
16. Debt charges ..	42,58,757	46,94,526	53,54,988	57,30,854	57,13,492
17. Other City services ..	1,50,12,697	1,42,00,691	1,40,86,592	1,46,71,677	1,49,84,862
18. Debt charges—excluding water works	65,96,200	56,89,460	54,86,074	55,58,370	64,22,693
Total Expenditure .. Rs.	3,00,57,096	2,90,87,636	3,01,62,656	3,14,45,875	3,27,50,278

M. R. TAMBE,
Chief Accountant.

A. R. DALAL,
Municipal Commissioner.

APPENDIX No. 2.

Revenue Account for the year ended 31st March 1929.

Particulars.	Details.	Total.	Particulars.	Details.	Total.
	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.
To Revenue Expenditure as per Appendix No. 4 ..	....	3,27,50,278 5 2	By Revenue of previous year renewed for payment of contribution to C. I. Trust during 1928-29.	....	23,02,180 0 4
„ Revenue Expenditure to be incurred in 1929-30 and provided for as renewed grants	8,28,857 7 0		„ Revenue of previous years renewed for the year 1928-29.	....	6,39,035 6 0
„ Contribution payable to C. I. Trust during 1929-30	22,92,678 6 8	31,21,535 13 8	„ Revenue Receipts as per Appendix No. 3.. ..	....	3,15,33,383 1 2
			„ Balance being deficit for the year..	....	13,97,215 11 4
		3,58,71,814 2 10			3,58,71,814 2 10
Deficit for the year		13,97,215 11 4	By Surplus Revenue Fund as at 1st April 1928		85,99,385 8 7
Balance being Surplus Revenue Fund as at 31st March 1929 as per Appendix No. 5.		72,02,169 13 3			
		85,99,385 8 7			85,99,385 8 7

M. R. TAMBE,
Chief Accountant.

A. R. DALAL,
Municipal Commissioner.

Appendix I N

STATEMENT showing the Net Receipts during the Financial year 1928-29 from all sources as

Actuals for 1927-28.	PARTICULARS.	Details of Actuals.	Actuals for 1928-29.	Budget Estimate for 1928-29.
1	2	3	4	5
Rs. a. p.	**1.—General Tax, Indirect Taxation and Miscellaneous Revenue.**	Rs. a. p.	Rs. a. p.	Rs. a. p.
	A—General Tax at 11 per cent.—			
1,00,91,636 12 7	(1) From the Public	97,66,369 8 11		1,03,59,400 0 0
4,51,903 5 0	(2) „ Government	4,80,783 4 6		4,98,200 0 0
9,10,098 14 6	(3) „ Port Trust	12,38,959 13 6		11,95,400 0 0
3,08,941 0 4	(4) „ C. I. Trust	2,56,074 6 0		2,77,400 0 0
8,99,369 11 0	(5) „ Mills	8,67,840 9 0		9,02,500 0 0
1,26,61,949 11 5			1,26,09,967 9 11	1,32,27,900 0 0
	B—Town Duties—			
23,37,186 9 8	(1) Through Port Trust	23,62,930 12 6		24,00,000 0 0
4,37,064 12 1	(2) „ G. I. P. Railway	3,66,784 4 2		5,50,000 0 0
2,70,236 4 3	(3) „ B. B. & C. I. Railway ...	2,65,633 9 5		2,50,000 0 0
30,44,487 10 0			29,95,348 10 1	32,00,000 0 0
16,05,670 7 0	*Less*—Refunds		14,48,672 2 0	16,00,000 0 0
14,38,817 3 1			15,46,676 8 1	16,00,000 0 0
11,34,083 7 6	C—Cotton Import Duty (Munl. Share $\frac{3}{4}$th of net receipts)		13,37,095 5 7	13,50,000 0 0
	D—Licenses—			
.....	(1) Land, Conveyance, Music Licenses (issued by the Commissioner of Police)		5,544 5 0	.....
1,43,750 0 0	E—Liquor Licenses—Commuted payment from Government (Act V of 1878) ...		1,43,750 0 0	1,43,750 0 0
3,98,365 15 5	F—Tobacco Duty—Net receipts from Government (Act IV of 1857) ...		3,76,439 11 7	3,85,000 0 0
6,05,089 11 8	G—Interest and Profit on Investments of Surplus Loan and other Balances ...		7,38,636 15 3	3,25,000 0 0
	H—Miscellaneous—			
19,527 14 10	(1) Contribution from Munl. servants towards Pensions, etc., Fund ...	12,590 7 4		15,000 0 0
53,775 1 0	(2) Fines for offences against the Law.	42,113 11 0		55,000 0 0
14,418 2 0	(3) Sale proceeds of unserviceable Tools and Plant	6,102 14 3		15,000 0 0
53,984 10 10	(4) Miscellaneous receipts	32,046 14 8		25,000 0 0
7,940 12 0	(5) Miscellaneous fees	6,352 6 6		7,000 0 0
88,681 12 4	(6) Rent of buildings and lands ...	1,28,432 12 3		1,00,000 0 0
2,38,328 5 0	Total, II—Miscellaneous ...		2,27,639 2 0	2,17,000 0 0
1,66,20,384 6 0	Carried forward Rs. ...		1,69,85,749 9 5	1,72,48,650 0 0

No. 3.

COME.

contrasted with the Actuals for 1927-28, the Original Budget Estimate and the Revised Estimate.

Revised Estimate for 1928-29.	Compared with the Actuals for 1927-28.		Compared with the Original Estimate.		Compared with the Revised Estimate.	
	Increase.	Decrease.	More.	Less.	More.	Less.
6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1,01,88,000 0 0	.....	3,25,327 3 8	.....	5,93,090 7 1	.....	4,21,690 7 1
4,93,200 0 0	28,879 15 6	.....	.....	12,416, 11 6	.....	12,416 11 6
12,38,961 0 0	3,28,860 15 0	.....	43,559 13 6	.....	.....	1 2 6
2,24,039 0 0	.....	52,866 10 4	.....	21,325 10 0	32,035 6 0	.....
8,00,600 0 0	.....	31,529 2 0	.....	34,659 7 0	67,240 9 0	.....
1,29,44,800 0 0	3,57,740 14 6	4,09,723 0 0	43,559 13 6	6,61,492 3 7	99,275 15 0	4,34,108 5 1
22,75,000 0 0	25,744 2 10	.....	.....	37,069 3 6	87,930 12 6	.....
4,00,000 0 0	.....	70,280 7 11	.....	1,83,215 11 10	.....	33,215 11 10
3,00,000 0 0	.....	4,602 10 10	15,633 9 5	.....	.....	34,366 6 7
29,75,000 0 0	25,744 2 10	74,883 2 9	15,633 9 5	2,20,284 15 4	87,930 12 6	67,582 2 5
15,75,000 0 0	1,56,998 5 0	.....	1,51,327 14 0	.....	1,26,327 14 0	.....
14,00,000 0 0	1,82,742 7 10	74,883 2 9	1,66,961 7 5	3,20,284 15 4	2,14,258 10 6	67,582 2 5
13,50,000 0 0	2,03,011 14 1	.....	.....	12,904 10 5	.....	12,904 10 5
5,544 0 0	5,544 5 0	.....	5,544 5 0	.....	0 5 0	.....
1,43,750 0 0	.....	.....	.....	.....	.....	.....
3,75,000 0 0	.....	21,926 3 10	.....	8,560 4 5	1,439 11 7	.....
5,25,000 0 0	1,33,547 3 7	.....	4,13,636 15 3	.....	2,13,636 15 3	.....
12,000 0 0	.....	6,987 7 6	.....	2,409 8 8	590 7 4	.....
45,000 0 0	.....	11,661 6 0	.....	12,886 5 0	.....	2,886 5 0
6,000 0 0	.....	8,315 3 9	.....	8,897 1 9	102 14 3	.....
25,000 0 0	.....	21,937 12 2	7,046 14 8	.....	7,046 14 8	.....
7,000 0 0	.....	1,588 5 6	.....	647 9 6	.....	647 9 6
1,00,000 0 0	39,750 15 11	.....	28,432 12 3	.....	28,432 12 3	.....
1,95,000 0 0	39,750 15 11	50,440 2 11	35,479 10 11	24,840 8 11	36,173 0 6	3,533 14 6
1,69,29,094 0 0	9,22,337 12 11	5,56,972 9 6	6,65,182 4 1	9,28,082 10 8	5,64,784 9 10	5,18 129 0 5

Appendix

I N

STATEMENT showing the Net Receipts during the Financial year 1928-29 from all sources as

Actuals for 1927-28.	PARTICULARS.	Details of Actuals.	Actuals for 1928-29.	Budget Estimate for 1928-29.
1	2	3	4	5
Rs. a. p.	Brought over Rs. ...	Rs. a. p.	Rs. a. p.	Rs. a. p.
1,66,20,384 6 0		.....	1,69,85,749 9 5	1,72,48,650 0 0
	2.—Water Works.			
	A.—Water Tax and Other Miscellaneous Water Works Revenue—			
31,36,826 2 0	(1) On Ratable Value	31,41,151 0 7		32,20,400 0 0
35,56,741 12 6	(2) By Measurement per 1,000 gallons..	31,23,278 4 0		36,59,400 0 0
66,615 13 0	(3) Rent of Water Meters	64,040 0 0		70,000 0 0
66,641 2 1	(4) Compounded Tax	90,127 6 0		80,000 0 0
5,109 9 0	(5) Rent of Buildings and Lands ...	6,163 6 0		4,000 0 0
	(6) Miscellaneous—			
22,427 15 10	(*b*) Miscellaneous receipts... ..	20,003 7 9		12,000 0 0
68,54,362 6 5		.....	64,44,763 8 4	70,45,800 0 0
	3.—Education, Primary.			
8,84,731 0 0	A.—Contribution from Government ...	.....	8,15,636 0 0	8,50,000 0 0
8,84,731 0 0		.....	8,15,636 0 0	8,50,000 0 0
	4.—Education, Secondary.			
79 12 0	A.—Miscellaneous—			
	(1) Miscellaneous Receipts	.....	225 0 0	.....
	5.—Public Health Department.			
5,459 0 7	A.—Miscellaneous—			
15,747 2 0	(1) Miscellaneous Receipts	6,242 3 10		4,500 0 0
33,707 11 2	(2) Miscellaneous fees	15,876 7 9		17,000 0 0
7,561 12 0	(3) Rent of Buildings and Lands ...	47,256 5 7		32,000 0 0
	(4) Sale of rights	9,712 1 0		8,000 0 0
62,475 9 9		.....	79,087 2 2	61,500 0 0
	6.—Hospitals and Medical Relief.			
4,036 3 0	A.—Interest realised on donations from the Public	.....	2,171 9 4	2,050 0 0
	B.—Miscellaneous—			
1,146 1 0	(1) Miscellaneous Receipts	985 7 6		1,000 0 0
6,374 8 0	(2) Miscellaneous fees	982 0 0		6,000 0 0
237 8 0	(3) Rent of Buildings and Lands ...	262 14 0		200 0 0
7,758 1 0		.....	2,230 5 6	7,200 0 0
15,000 0 0	D.—Contribution from Government for Dispensary for combating Venereal diseases	.....	15,000 0 0	15,000 0 0
43,772 14 0	E.—Receipts from G. S. Medical College..	.....	58,365 9 1	50,000 0 0
480 1 7	F.—Receipts from King Edward Memorial Hospital	.....	433 10 4	.....
71,047 3 7	Total, VI.—Hospitals, etc. ...	.....	78,201 2 3	74,250 0 0
2,44,93,080 5 9	Carried forward Rs ...	.....	2,44,03,662 6 2	2,52,80,200 0 0

No. 3—*continued.*

COME.

contrasted with the Actuals for 1927-28, the Original Budget Estimate and the Revised Estimate.

Revised Estimate for 1928-29.	Compared with the Actuals for 1927-28.		Compared with the Original Estimate.		Compared with the Revised Estimate.	
	Increase.	Decrease.	More.	Less.	More.	Less.
6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1,69,39,094 0 0	9,22,337 12 11	5,56,972 9 6	6,65,182 4 1	9,28,082 10 8	5,64,784 9 10	5,18,129 0 5
31,30,000 0 0	4,324 14 7	.....	.....	79,248 15 5	11,151 0 7	.....
33,00,000 0 0	.....	4,33,463 8 6	.....	5,36,121 12 0	.....	1,76,721 12 0
65,000 0 0	.....	2,575 13 0	.....	5,960 0 0	.....	960 0 0
80,000 0 0	23,486 3 11	.....	10,127 6 0	.....	10,127 6 0	.....
5,000 0 0	1,053 13 0	.....	2,163 6 0	.....	1,163 6 0	.....
12,000 0 0	.....	2,424 8 1	8,003 7 9	.....	8,003 7 9	.....
65,92,000 0 0	28,864 15 6	4,38,463 13 7	20,294 3 9	6,21,330 11 5	30,445 4 4	1,77,681 12 0
8,50,000 0 0	.....	69,095 0 0	.....	34,364 0 0	.....	34,364 0 0
8,50,000 0 0	.....	69,095 0 0	.....	34,364 0 0	.....	34,364 0 0
300 0 0	145 4 0	.....	225 0 0	.....	.....	75 0 0
4,500 0 0	783 3 3	.....	1,742 3 10	.....	1,742 3 10	.....
16,000 0 0	129 5 9	.....	.....	1,123 8 3	.....	123 8 3
45,000 0 0	13,548 10 5	.....	15,256 5 7	.....	2,256 5 7	.....
8,000 0 0	2,150 5 0	.....	1,712 1 0	.....	1,712 1 0	.....
73,500 0 0	16,611 8 5	.....	18,710 10 5	1,123 8 3	5,710 10 5	123 8 3
2,200 0 0	.....	1,864 9 8	121 9 4	.....	.....	28 6 8
100 0 0	.....	160 9 6	.....	14 8 6	885 7 6	.....
3,000 0 0	.....	5,392 8 0	.....	5,018 0 0	.....	2,018 0 0
200 0 0	25 6 0	.....	62 14 0	.....	62 14 0	.....
3,300 0 0	25 6 0	5,553 1 6	62 14 0	5,032 8 6	948 5 6	2,018 0 0
15,000 0 0	.....	.....	.....	.....	.....	.....
50,000 0 0	14,592 11 1	.....	8,365 9 3	.....	8,365 9 1	.....
400 0 0	.....	46 7 3	433 10 4	.....	33 10 4	.....
70,900 0 0	14,618 1 1	7,464 2 5	8,983 10 9	5,032 8 6	9,347 8 11	2,046 6 8
2,45,25,794 0 0	9,82,577 9 11	10,71,995 9 6	7,13,395 13 0	15,89,933 6 10	6,10,288 1 6	7,32,419 11 4

Appendix

IN

STATEMENT showing the Net Receipts during the Financial year 1928-29 from all sources as

Actuals for 1927-28.	PARTICULARS.	Details of Actuals.	Actuals for 1928-29	Budget Estimate for 1928-29.
1	2	3	4	5
Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.
2 44,93,080 5 9	Brought over Rs. ...		2,44,03,662 6 2	2,52,80,200 0 0
	7.—Street cleansing and conservancy including Road Watering.			
	A.—Miscellaneous—			
27,100 0 0	(1) Sale of Rights	46,500 0 0		27,000 0 0
16,156 7 7	(2) Miscellaneous Receipts	13,379 7 3		16,000 0 0
7,330 2 0	(3) Miscellaneous Fees	5,988 14 0		7,000 0 0
53,387 5 0	(4) Rent of Buildings and Lands ...	44,703 9 0		50,000 0 0
1,03,973 14 7			1,10,571 14 3	1,00,000 0 0
	8.—Roads and Overbridges.			
	A.—Wheel Tax and Government contribution in lieu of Tolls—			
6,66,694 9 3	(1) Private conveyances	6,77,269 4 4		6,75,000 0 0
4,72,831 5 0	(2) Public conveyances...	3,17,142 12 0		3,80,000 0 0
25,000 0 0	(3) Contribution from Govt. in lieu of Tolls	25,000 0 0		25,000 0 0
11,63,925 14 3			10,19,412 0 4	10,80,000 0 0
	B.—Ground Rent—			
64,077 6 11	(1) From Tramway Co.	32,066 15 8		64,200 0 0
62,660 1 10	(2) ,, Telephone Co.	67,485 0 8		58,000 0 0
28,123 14 5	(3) ,, Private Parties	30,054 8 11		28,000 0 0
1,54,861 7 2			1,29,606 9 3	1,50,200 0 0
	C.—Miscellaneous—			
86,954 4 4	(1) Miscellaneous receipts	92,889 1 3		70,000 0 0
34,228 15 11	(2) Miscellaneous fees	30,662 7 3		55,000 0 0
61,034 0 2	(3) Rent of Buildings and Lands ...	43,234 8 11		75,000 0 0
1,82,217 4 5			1,66,786 1 5	1,80,000 0 0
833 4 10	D.—Interest realised on donations		1,458 12 1	830 0 0
15,01,837 14 8	Total, 8—Roads and Overbridges ..		13,17,263 7 1	14,11,030 0 0
	9.—Public Lighting.			
	A.—Miscellaneous—			
5,859 2 3	(1) Miscellaneous receipts		825 9 2	6,000 0 0
2,61,04,751 5 3	Carried forward Rs. ...		2,58,32,323 4 8	2,67,97,229 0 0

No. 3—*continued.*

COME.

contrasted with the Actuals for 1927-28, the Original Budget Estimate and the Revised Estimate.

Revised Estimate for 1928-29.	Compared with the Actuals for 1927-28.		Compared with the Original Estimate.		Compared with the Revised Estimate.	
	Increase.	Decrease.	More.	Less.	More.	Less.
6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
2,45,25,794 0 0	9,82,577 9 11	10,71,195 9 6	7,13,395 13 0	15,89,933 6 10	6,10,288 1 6	7,32,419 11 4
46,500 0 0	19,400 0 0	.....	19,500 0 0	.....	.....	.....
10,000 0 0	.....	2,777 0 4	.....	2,620 8 9	3,379 7 3	.....
7,000 0 0	.....	1,341 4 0	.....	1,011 2 0	.....	1,011 2 0
46,000 0 0	.....	8,683 12 0	.....	5,296 7 0	.....	1,296 7 0
1,09,500 0 0	19,400 0 0	12,802 0 4	19,500 0 0	8,928 1 9	3,379 7 3	2,307 9 0
6,75,000 0 0	11,174 11 1	.....	2,269 4 4	.....	2,269 4 4	.....
4,50,000 0 0	.....	1,55,688 9 0	.....	62,857 4 0	.....	1,32,857 4 0
25,000 0 0	.....	.....	.....	.....	.....	.....
11,50,000 0 0	11,174 11 1	1,55,688 9 0	2,269 4 4	62,857 4 0	2,269 4 4	1,32,857 4 0
64,200 0 0	.....	32,010 7 3	.....	32,133 0 4	.....	32,133 0 4
63,000 0 0	4,824 14 10	.....	9,485 0 8	.....	4,485 0 8	.....
28,000 0 0	1,930 10 6	.....	2,054 8 11	.....	2,054 8 11	.....
1,55,200 0 0	6,755 9 4	32,010 7 3	11,539 9 7	32,133 0 4	6,539 9 7	32,133 0 4
70,000 0 0	5,934 12 11	.....	22,889 1 3	.....	22,889 1 3	.....
32,000 0 0	.....	3,566 8 8	.....	4,337 8 9	.....	1,357 8 9
45,000 0 0	.....	17,799 7 3	.....	31,765 7 1	.....	1,765 7 1
1,47,000 0 0	5,934 12 11	21,365 15 11	22,889 1 3	36,102 15 10	22,889 1 3	3,102 15 10
1,300 0 0	625 7 3	.....	628 12 1	.....	158 12 1	.....
14,53,500 0 0	24,490 8 7	2,09,065 0 2	37,326 11 3	1,31,093 4 2	31,856 11 3	1,68,093 4 2
1,000 0 0	.....	5,023 9 1	.....	5,174 6 10	.....	174 6 10
2,60 89,794 0 0	10,26,468 2 6	12,98,896 3 1	7,70,222 8 3	17,35,129 3 7	6,45,524 4 0	9,02,994 15 4

Appendix
I N

STATEMENT showing the Net Receipts during the Financial year 1928-29 from all sources as

Actuals for 1927-28.	PARTICULARS.	Details of Actuals.	Actuals for 1928-29.	Budget Estimate for 1928-29.
1	2	3	4	5
Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.
2,61,04,751 5 3	Brought over ...	.....	2,58,32,323 4 8	2,67,97,230 0 0
	10.—Drainage and Sewerage, a Halalkhore Branch.			
	A.—Halalkhore Tax—			
31,07,753 7 0	(1) On Rateable Value	30,51,309 10 8	.....	31,50,000 0 0
1,66,470 13 4	(2) For Special Service...	1,58,933 11 0	.....	1,60,000 0 0
32,74,224 4 4			32,10,243 5 8	33,10,000 0 0
	B.—Miscellaneous—			
6,459 6 6	(1) Miscellaneous Receipts	8,839 13 6	.....	8,500 0 0
409 5 0	(2) Miscellaneous fees	503 12 11	.....	500 0 0
14,907 14 4	(3) Rent of Buildings and Lands ...	22,325 9 10	.....	20,000 0 0
21,776 9 10		.....	31,669 4 3	29,000 0 0
32,96,000 14 2			32,41,912 9 11	33,39,000 0 0
	11.—Fire Brigade.			
	A.—Fire Tax at ¼ per cent.—			
4,58,747 11 2	(1) From the Public	4,44,034 9 8	.....	4,70,500 0 0
20,541 1 0	(2) „ Government	21,854 3 6	.....	29,200 0 0
41,368 1 6	(3) „ Port Trust	56,317 2 6	.....	61,900 0 0
14,047 6 10	(4) „ City Improvement Trust ...	11,279 9 0	.....	12,600 0 0
40,881 2 0	(5) „ Mills	39,447 12 0	.....	41,000 0 0
5.75,585 6 6		.....	5,72,933 4 8	6,15,200 0 0
	B.—Miscellaneous—			
8,764 9 0	(1) Miscellaneous Receipts	.....	13,062 11 4	7,500 0 0
5,84,349 15 6		.....	5.85,996 0 0	6,22,700 0 0
	12.—Building Regulations and other measures for Securing the Public safety.			
1,25,770 2 0	A.—Licenses for Dangerous and Offensive Trades	.....	1,23,834 6 0	1,25,000 0 0
	B.—Miscellaneous—			
2,463 12 11	(1) Miscellaneous Receipts	3,128 1 6	.....	1,000 0 0
78,950 0 6	(2) Miscellaneous fees	61,989 1 10	.....	85,000 0 0
36,291 8 0	(3) Advertisement charges	35,497 0 0	.....	30,000 0 0
1,17,705 5 5		.....	1,00,614 3 4	1,16,000 0 0
85,377 8 0	C—Removal of encroachment on Public Streets	.....	82,885 9 6	85,000 0 0
3,28,852 15 5			3,07,334 2 10	3,26,000 0 0
	13.—Gardens and Open Spaces.			
5,099 6 6	A.—Miscellaneous—			
3,673 15 5	(1) Sale-proceeds of plants, flowers, etc	5,899 8 0	.....	5,000 0 0
743 4 0	(2) Miscellaneous Receipts	2,495 2 0	.....	4,500 0 0
	(3) Rent of Buildings and Lands ...	2,00,673 12 0	.....	2,00,800 0 0
9,516 9 11		.....	2,09,068 6 0	2,10,300 0 0
	14.—Markets and Slaughter Houses.			
	A.—Miscellaneous—			
3,33,998 10 10	(1) Stall Rents	3,58,259 14 11	.....	3,35,000 0 0
85,344 8 0	(2) Squatters' fees	92,133 2 0	.....	90,000 0 0
1,40,000 0 0	(3) Fair ground and feeding fees ...	1,65,803 3 6	.....	1,43,000 0 0
4,46,128 0 0	(4) Slaughter fees	4,39,840 15 0	.....	4,50,000 0 0
88,862 11 11	(5) Miscellaneous Receipts	1,09,411 13 0	.....	86,000 0 0
8,889 15 0	(6) Rent of Buildings and Lands ...	11,027 7 0	.....	9,000 0 0
47,280 0 0	(7) Cold Storage rent	30,799 12 0	.....	50,000 0 0
11,50,503 13 9		.....	12,07,276 3 5	11,63,000 0 0
2,34,312 3 11	**15—Contribution from Capital Funds to Revenue on Account of Loan Works Staff.**		1,49,472 6 4	2,85,359 0 0
3,17,08,287 13 11	Total Income Rs. ...	.....	3,15,33,383 1 2	3,27,43,589 0 0

M. R. TAMBE,
Chief Accountant.

No. 3—*concluded.*

C O M E.

contrasted with the Actuals for 1927-28, the Original Budget Estimate and the Revised Estimate.

Revised Estimate for 1928-29.	Compared with the Actuals for 1927-28.		Compared with the Original Estimate.		Compared with the Revised Estimate.	
	Increase.	Decrease.	More.	Less.	More.	Less.
6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
2,60,89,794 0 0	10,26,468 2 6	12,98,896 3 1	7,70,222 8 3	17,35,129 3 7	6,45,524 4 0	9,03,994 15 4
30,75,000 0 0	.....	56,443 12 4	.....	98,690 5 4	.....	23,690 5 4
1,55,000 0 0	.....	7,537 2 4	.....	1,066 5 0	3,933 11 0	.....
32,30,000 0 0	.....	63,980 14 8	.....	99,756 10 4	3,933 11 0	23,690 5 4
6,000 0 0	2,380 7 0	.....	339 13 6	.....	2,839 13 6	.....
500 0 0	94 7 11	.....	3 12 11	.....	3 12 11	.....
20,000 0 0	7,417 11 6	.....	2 325 9 10	.....	2,325 9 10	.....
26,500 0 0	9,892 10 5	.....	2,669 4 3	.....	5,169 4 3	.....
32,56,500 0 0	9,992 10 5	63,980 14 8	2,669 4 3	99,756 10 4	9,102 15 3	23,690 5 4
4,60,000 0 0	.....	14,713 1 6	.....	26,465 6 4	.....	15,965 6 4
29,200 0 0	1,313 2 6	.....	.....	7,345 12 6	.....	7,345 12 6
56,317 0 0	14,949 1 0	.....	.....	5,582 13 6	0 2 6	.....
10,183 0 0	.....	2,767 13 10	.....	1,320 7 0	1,096 9 0	.....
36,300 0 0	.....	1,433 6 0	.....	1,552 4 0	3,147 12 0	.....
5,92,000 0 0	16,262 3 6	18,914 5 4	.....	42,266 11 4	4,244 7 6	23,311 2 10
12,000 0 0	4,298 2 4	.....	5,562 11 4	.....	1,062 11 4	.....
6,04,000 0 0	20,560 5 10	18,914 5 4	5,562 11 4	42,266 11 4	5,307 2 10	23,311 2 10
1,28,000 0 0	.....	1,935 12 0	.....	1,165 10 0	.....	4,165 10 0
100 0 0	664 4 7	.....	2,128 1 6	.....	3,028 1 6	.....
70,000 0 0	.....	16,960 14 8	.....	23,010 14 2	.....	8,010 14 2
35,900 0 0	.....	794 8 0	5,497 0 0	.....	.....	403 0 0
1,06,000 0 0	664 4 7	17,755 6 8	7,625 1 6	23,010 14 2	3,028 1 6	8,413 14 2
85,000 0 0	.....	2,491 14 6	.....	2,114 6 6	.....	2,114 6 6
3,19,000 0 0	664 4 7	22,183 1 2	7,625 1 6	26,290 14 8	3,028 1 6	14,693 14 8
6,500 0 0	800 1 6	.....	899 8 0	.....	.....	600 8 0
2,500 0 0	.....	1,178 13 5	.....	2,004 14 0	.....	4 14 0
2,00,800 0 0	1,99,930 8 0	.....	.....	126 4 0	.....	126 4 0
2,09,800 0 0	2,00,730 9 6	1,178 13 5	899 8 0	2,131 2 0	.....	731 10 0
3,47,000 0 0	24,261 4 1	.....	23,259 14 11	.....	11,259 14 11	.....
85,000 0 0	6,788 10 0	.....	2,133 2 0	.....	7,133 2 0	.....
1,64,000 0 0	25,803 3 6	.....	23,803 3 6	.....	1,803 3 6	.....
4,46,000 0 0	.....	6,287 1 0	.....	10,159 1 0	.....	6,159 1 0
1,08,000 0 0	20,549 1 1	.....	23,411 13 0	.....	1,411 13 0	.....
9000 0 0	2,137 8 0	.....	2,027 7 0	.....	2,027 7 0	.....
34000 0 0	.....	16,480 4 0	.....	19,200 4 0	.....	3,200 4 0
11,93,000 0 0	79,539 10 8	22,767 5 0	73,635 8 5	29,359 5 0	23,635 8 5	9,359 5 0
2,56,660 0 0	.....	84,839 13 7	.....	1,35,886 9 8	.....	1,07,187 9 8
3,19,28,754 0 0	13,37,855 11 6	15,12,760 8 3	8,60,614 9 9	20,70,820 8 7	6,86,598 0 0	10,81,963 14 10

A. R. DALAL,
Municipal Commissioner.

Appendix

EXPEN

STATEMENT showing the Actuals as compared with the Final Sanctioned

Actuals for 1927-28.	PARTICULARS.	Details of Actuals for 1928-29.	Actuals for 1928-29.	Final Grants sanctioned for Expenditure during 1928-29.
1	2	3	4	5
Rs. a. p.	**I.—General Supervision, Collection of Revenue, etc.**	Rs. a. p.	Rs. a. p.	Rs. a. p.
	A.—General Superintendence—			
1,69,282 0 10	(*a*) Corporation and Standing Committee ...	1,38,443 11 1		1,42,034 0 0
1,37,911 1 9	(*b*) Municipal Commissioner's Personal and General Office	1,97,662 2 0		2,31,435 0 0
2,29,349 1 7	(*c*) Audit and Accounts ...	2,04,167 3 0		2,10,451 0 0
5,36,542 4 2			5,40,173 0 1	5,83,920 0 0
	B.—Collection of Revenue—			
4,73,294 11 7	(*a*) Property and Wheel Tax Establishment ...	3,44,255 14 3		3,56,126 3 0
98,064 3 7	(*b*) Town Duty Collections.	1,00,617 9 9		1,11,235 0 0
1,23,367 13 11	(*c*) Town Duty Refund Branch	1,16,334 11 6		1,25,716 0 0
6,94,726 13 1			5,61,208 3 6	5,94,077 3 0
	C.—Upkeep of Municipal Buildings—			
44,007 12 1	(*a*) Upkeep and guarding of Municipal Head Office	39,859 0 2		50,819 9 0
34,421 4 4	(*b*) Establishment for the upkeep of various Municipal Buildings ...	31,219 15 2		33,088 0 0
78,429 0 5			71,078 15 4	83,907 9 0
75,420 9 2	D.—General Stores	63,564 9 4		68,828 10 0
5,35,265 5 2	E.—Miscellaneous Charges ...	4,93,168 2 6		5,66,664 8 0
.....	F.—Election Expenses	34,871 5 11		41,725 0 0
51,31,241 14 8	Debt Charges	60,09,594 0 11		62,03,413 0 0
1,206 7 1	New Works	8,912 1 4		10,447 0 0
70,52,835 5 9			77,82,570 6 11	81,52,982 14 0
	II.—Water Works.			
4,26,060 1 3	A.—Establishment and Labour.	4,19,735 15 0		4,73,260 7 0
2,62,645 7 7	B.—Repairs and Maintenance...	2,39,519 9 0		3,23,962 13 0
39,974 8 0	C.—Meters	13,336 15 0		40,000 0 0
1,72,232 10 8	D.—Miscellaneous	1,29,198 10 6		1,88,706 7 0
	E.—Depreciation on Plant and			
2,276 0 0	Machinery	2,276 0 0		2,276 0 0
57,30,854 6 8	Debt Charges	57,13,491 12 1		58,02,772 0 0
18,392 7 9	New Works	8,394 9 3		15,605 0 0
	Proportion of General Supervision			
.....	and Collection of Revenue ...	3,20,647 11 0		3,18,943 0 0
66,52,435 9 11			68,45,601 1 10	71,65,525 11 0
	III.—Education, Primary.			
29,71,405 14 0	A.—Municipal Institutions ...	28,64,073 6 1		28,68,047 0 0
5,300 0 0	B.—Aided Institutions	2,000 0 0		5,300 0 0
	Preliminary expenditure in connection with the introduction of Compulsory Education in F and G Wards, ...	2,400 0 0		2,400 0 0
29,76,705 14 0			28,68,473 6 1	28,75,747 0 0
	IV.—Education, Secondary.			
24,105 5 4	A.—Municipal Institutions ...	24,610 8 4		58,385 11 0
54,550 0 0	B.—Aided Institutions	54,709 0 0		61,050 0 0
78,655 5 4			79,319 8 4	1,19,435 11 0
1,67,60,632 3 0	Carried over Rs. ...		1,75,76,975 7 2	1,83,13,691 4 0

No. 4.

DITURE.

Grants for 1928-29 and the Actuals for the preceding year.

Final Grants compared with the Actuals.			Compared with the Actuals for 1927-28.	
Balance unexpended.	Required to be renewed in 1929-30.	Savings.	Increase.	Decrease.
6	7	8	9	10
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
3,590 4 11	350 6 0	3,239 14 11	.....	30,838 5 9
33,872 14 0	27,213 6 0	6,659 8 0	59,651 0 3	.....
6,283 13 0	704 11 0	5,579 2 0	.....	25,181 14 7
43,746 15 11	28,268 7 0	15,478 8 11	59,651 0 3	56,020 4 4
11,870 4 9	13,210 0 0	—1,339 11 3	.....	1,29,038 13 4
10,617 6 3	.....	10,617 6 3	2,553 6 2	.....
10,381 4 6	106 12 0	10,274 8 6	.....	7,033 2 5
32,868 15 6	13,316 12 0	19,552 3 6	2,553 6 2	1,36,071 15 9
10,960 8 10	6,706 8 0	4,254 0 10	.....	4,148 11 11
1,868 0 10	...	1,868 0 10	.....	3,201 5 2
12,828 9 8	6,706 8 0	6,122 1 8	.....	7,350 1 1
5,264 0 8	1,745 6 0	3,518 10 8	.....	11,855 15 10
73,496 5 6	64,554 12 0	8,941 9 6	.....	42,097 2 8
6,853 10 1	1,500 0 0	5,353 10 1	34,871 5 11	.....
1,93,818 15 1	1,27,456 12 0	66,362 3 1	8,78,349 2 3	.....
1,534 14 8	243 12 0	1,291 2 8	7,705 10 3	.....
3,70,412 7 1	2,43,792 5 0	1,26,620 2 1	9,83,130 8 10	2,53,395 7 8
53,524 8 0	761 5 0	52,763 3 0	.....	6,321 2 3
84,443 4 0	58,306 11 0	26,136 9 0	.....	23,125 14 7
26,663 1 0	.....	26,663 1 0	.....	26,637 9 0
59,507 12 6	12,817 7 0	46,690 5 6	.....	43,034 0 2
.....	.....	.....	.....	.....
89,280 3 11	89,247 0 0	33 3 11	.....	17,362 10 7
7,210 6 9	24 3 0	7,186 3 9	.....	9,997 14 6
—1,704 11 0	.....	—1,704 11 0	3,20,647 11 0	.....
3,18,924 9 2	1,61,456 10 0	1,57,767 15 2	3,20,647 11 0	1,26,482 3 1
3,973 9 11	1,024 2 0	2,949 7 11	.....	1,07,332 7 11
3,300 0 0	3,300 0 0	.....	.....	3,300 0 0
.....	.....	.....	2,400 0 0	.....
7,273 9 11	4,324 2 0	2,949 7 11	2,400 0 0	1,10,632 7 11
33,775 2 8	33,183 1 0	593 1 8	505 3 0	.....
6,350 0 0	2,450 0 0	3,900 0 0	150 0 0	.....
40,125 2 8	35,632 1 0	4,493 1 8	655 3 0	.....
7,36,735 12 10	4,44,905 2 0	2,91,830 10 10	13,06,833 6 10	4,99 510 2 8

Appendix
EXPEN

Actuals for 1927-28.	Particulars.	Details of Actuals for 1928-29.	Actuals for 1928-29.	Final Grants sanctioned for Expenditure during 1928-29.
1	2	3	4	5
Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.
1,67,60,632 3 0	Brought forward Rs. ...	.....	1,75,76,955 7 2	1,83,13,691 4 0
	V.—Public Health Department.			
5,45,793 3 10	A.—General Supervision ...	5,60,176 7 5	.....	6,02,422 14 0
8,927 9 4	B.—Supervision of City Milk Supply	... ..	.....	.....
29,253 8 5	C.—Epidemics	19,571 6 2	.....	25,933 4 0
44,607 5 9	D.—Vaccination	48,273 1 6	.....	52,096 0 0
1,28,516 8 1	E.—Malaria	1,54,893 13 3	.....	1,76,299 3 0
	F.—Miscellaneous—			
23,071 5 11	(*a*) Cemeteries	21,652 10 4	.....	25,992 1 0
21,272 2 10	(*b*) Laboratory	22,480 0 5	.....	23,100 12 0
37,255 10 8	(*c*) Mahaluxmi Dhobiwada.	38,034 10 4	.....	66,679 3 0
664 4 11	(*d*) Dharmashalas	1,357 4 1	.....	1,595 8 0
5,637 8 8	(*e*) Destruction of dogs ..	5,470 13 11	.....	7,219 2 0
87,901 1 0		88,995 7 1	.....	1,24,586 10 0
.....	New Works	624 11 0	.....	800 0 0
8,44,999 4 5		.. ...	8,72,534 15 3	9,82,137 15 0
	VI.—Hospitals and Medical Relief.			
	A.—Hospitals and Dispensaries—			
	(*a*) Infectious Diseases Hospitals—			
12,000 0 0	I.—Establishment ..	12,000 0 0	.....	12,000 0 0
95,137 11 3	II.—Arthur Road Hospital for Infectious Diseases	1,01,361 2 11	.....	1,18,975 0 0
59,701 7 0	III.—Maratha Hospital for Plague and other Diseases	56,668 14 0	.. ...	68,125 8 0
1,66,839 2 3		1,70,030 0 11	.....	1,99,400 8 0
63,748 2 2	(*b*) Maternity Homes ...	79,164 13 0	.....	83,773 15 0
66,374 2 7	(*c*) Dispensaries for out-patients	70,429 13 2	.....	79,014 12 0
2,96,961 7 0		3,19,624 11 1	.....	3,62,189 3 0
20,201 2 10	B.—Medical and Nursing Assistance to Poor People in their Houses	16,966 1 0	.....	18,527 6 0
4,14,500 0 0	C.—Statutory Contribution to Govt. Medical Institutions.	4,14,500 0 0	.....	4,14,500 0 0
1,08,153 7 10	D.—Grants-in-Aid to Public Medical Institutions, Convalescent Homes, Isolation Asylums, Sanitary Societies, etc.	1,09,141 7 10	.....	1,22,661 0 0
8,39,816 1 8	VI.—Hospitals and Dispensaries Carried over	8,60,232 3 11	...	9,17,877 9 0
1,76,05,631 7 5	Carried over Rs. ...	.....	1,84,49,490 6 5	1,92,95,829 3 0

No. 4—*continued.*

DITURE.

Final Grants compared with the Actuals.			Compared with the Actuals for 1927-28.	
Balance unexpended.	Required to be renewed in 1929-30.	Savings.	Increase.	Decrease.
6	7	8	9	10
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs a. p.
7,36,735 12 10	4,44,905 2 0	2,91,830 10 10	13,06,833 6 10	4,90,510 2 8
42,246 6 7	2,289 9 0	39,956 13 7	14,383 3 7	.....
.....	.....	.....	.....	8,927 9 4
6,361 13 10	89 0 0	6,272 13 10	.....	9,682 2 3
3,822 14 6	35 0 0	3,787 14 6	3,665 11 9	.....
21,405 5 9	1,390 6 0	20,014 15 9	26,377 5 2	.....
4,339 6 8	1,077 15 0	3,261 7 8	.....	1,418 11 7
620 11 7	.....	620 11 7	1,207 13 7	.....
28,644 8 8	20,008 4 0	8,636 4 8	778 15 8	.....
238 3 11	151 8 0	86 11 11	692 15 2	.....
1,748 4 1	37 0 0	1,711 4 1	.....	166 10 9
35,591 2 11	21,274 11 0	14,316 7 11	2,679 12 5	1,585 6 4
175 4 2	.....	175 4 2	624 11 10	.....
1,09,602 15 9	25,078 10 0	84,524 5 9	47,730 12 9	20,195 1 11
.....	.....	.....	.....	.....
17,613 13 1	10,775 4 0	6,838 9 1	6,223	.....
11,756 10 0	6,266 10 0	5,490 0 0	.....	3,032 9 0
29,370 7 1	17,041 14 0	12,328 9 1	6,223 7 8	3,032 9 0
4,609 2 0	1,058 12 0	3,550 6 0	15,416 10 10	.....
8,584 14 10	1,827 9 0	6,757 5 10	4,055 10 7	.....
42,564 7 11	19,928 3 0	22,636 4 11	25,695 13 1	3,032 9 0
1,561 5 0	30 8 0	1,530 13 0	.....	3,235 1 10
.....	.....	.....	.....	.....
13,519 8 2	2,900 0 0	10,619 8 2	988 0 0	.....
57,645 5 1	22,858 11 0	34,786 10 1	26,683 13 1	6,267 10 10
8,46,338 12 7	4,69,983 12 0	3,76,355 0 7	13,54,564 3 7	5,10,705 4 7

Appendix

EXPEN

Actuals for 1927-28.	Particulars.	Details of Actuals for 1928-29.	Actuals for 1928-29.	Final Grants sanctioned for Expenditure during 1928-29.
1	2	3	4	5
Rs. a. p. 1,76,05,631 7 5	Brought forward Rs. ...	Rs. a. p.	Rs. a. p. 1,84,49,490 6 5	Rs. a. p. 1,92,95,859 3 0
8,39,816 1 8	VI.—Hospitals and Dispensaries Brought forward	8,60,232 3 11		9,17,877 9 0
65,707 2 6	E.—Anti-tuberculosis League Dispensary	57,674 12 2		73,745 14 0
26,239 15 8	F.—League for combating Venereal Diseases	25,893 13 8		28,178 8 0
4,44,618 13 11	G.—King Edward VII Memorial Hospital	4,73,552 4 7		5,30,574 11 0
2,08,334 15 2	H.—Gordhandas Sunderdas Medical College...	2,08,676 6 0		2,38,676 9 0
1,969 11 6	New Works	1,619 12 6		5,420 6 0
15,86,686 12 5	Total ...	.....	16,27,649 4 10	17,94,483 9 0
	VII.—Street Cleansing and Conservancy including Road Watering.			
	A.—Street cleansing and Conservancy —			
2,30,319 7 3	(*a*) Superintendence and Inspection	2,28,162 0 7		2,40,718 14 2
35,369 6 7	(*b*) Veterinary	37,386 7 4		42,309 11 0
	(*c*) Street cleansing and Sanitation—			
10,33,163 2 2	(*a*) Scavengering ...	10,27,189 8 2		10,39,790 6 0
1,34,912 10 6	(*b*) Road Scraping ...	1,22,071 11 2		1,44,205 2 0
1,20,045 4 2	(*d*) Gully flushing	1,17,171 10 1		1,21,489 8 0
15,53,809 11 8		15,31,981 5 4		15,88,513 9 2
	(*e*) Removal of Town Refuse to Tardeo for transport to Deonar—			
2,04,895 11 3	1. Motor Traction ...	2,00,305 9 7		2,19,891 8 0
12,702 10 0	2. Electric Traction...	12,370 15 0		16,126 0 0
6,45,419 6 6	4. Bullock Traction.	6,09,087 15 4		6,79,439 2 0
539 12 0	5. Incineration ...	524 11 0		2,052 0 0
89,450 4 4	6. Loading Sidings...	90,966 4 11		1,25,277 0 0
1,731 13 0	7. Reclamation ...	.....		.....
9,54,679 9 1		9,13,255 7 10		10,42,785 10 0
73,731 15 5	(*f*) Miscellaneous	1,07,053 11 9		1,38,835 15 0
25,82,221 7 2		25,52,290 8 11		27,70,135 2 2
	B.—Transport of refuse, etc., to			
1,76,902 12 10	Deonar	1,84,743 2 10		2,02,253 9 0
90,518 14 6	C.—Road watering	85,646 12 5		97,492 6 0
9,033 9 4	New Works	3,319 2 1		4,324 0 0
28,58,676 11 10		.....	28,25,999 10 3	30,74,205 1 2
	VIII.—Roads and Overbridges.			
	A.—Roads, overbridges and foot-			
13,30,708 0 4	paths	12,02,481 6 11		14,37,597 14 0
32,279 15 0	B.—Street Improvements ...	36,380 15 0		43,525 0 0
	C.—Cleaning and Repairing Port Trust Wharves and			
2,60,642 0 0	Roads	1,29,919 0 0		1,98,944 0 0
524 3 0	New Works	.....		497 0 0
16,24,154 2 4		.....	13,68,781 5 11	16,80,563 14 0
	IX.—Public Lighting.			
10,71,221 7 1	A.—Public Lighting	.....	10,99,729 14 3	11,47,308 4 3
2,47,46,370 9 1	Carried over Rs. ...	.....	2,53,71,650 9 8	2,69,92,389 15 5

No. 4—*continued.*

DITURE.

Final Grants compared with the Actuals.			Compared with the Actuals for 1927-28.	
Balance unexpended.	Required to be renewed in 1929-30.	Savings.	Increase.	Decrease.
6	7	8	9	10
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
8,46,338 12 7	4,69,983 12 0	3,76,355 0 7	13,54,564 3 7	5,10,705 4 7
57,615 5 1	22,858 11 0	34,786 10 1	26,683 13 1	6,267 10 10
16,071 1 10	4,863 6 0	11,207 11 10	.....	8,032 6 4
2,281 10 4	1,212 9 0	1,072 1 4	.....	346 2 0
57,022 6 5	21,979 6 0	35,043 0 5	28,933 6 8	.....
30,000 3 0	17,682 7 0	12,317 12 0	341 6 10	.....
5,810 9 6	2,546 15 0	1,263 10 6	.....	349 15 0
1,66,834 4 2	71,143 6 0	95,690 14 2	55,958 10 7	14,996 2 2
12,556 13 7	1,025 14 0	11,530 15 7	.....	2,157 6 8
4,923 3 8	77 14 0	4,845 5 8	2,017 0 9	.....
12,600 15 10	1,772 8 0	10,828 5 10	.....	5,973 10 0
22,133 6 10	678 4 0	21,455 2 10	.....	12,840 15 4
4,317 13 11	.....	4,317 13 11	.....	2,873 10 1
56,532 3 10	3,554 8 0	52,977 11 10	2,017 0 9	23,845 10 1
19,585 11 5	1,365 2 0	18,220 12 5	.....	4,530 1 8
3,755 1 0	.....	3,755 1 0	.....	331 11 0
70,351 2 8	81 0 0	70,270 2 8	.....	36,331 7 2
1,527 5 0	.....	1,527 5 0	.....	15 1 0
34,310 11 1	21,519 7 0	12,791 4 1	1,516 0 7	.....
.....	.....	.....	.....	1,731 3 0
1,29,530 2 2	22,965 9 0	1,06,564 9 2	1,516 0 7	42,940 1 10
31,782 3 3	15,345 1 0	16,437 2 3	35,321 12 4	.....
2,17,844 9 3	41,865 2 0	1,75,979 7 3	36,854 13 8	66,785 11 11
17,510 6 2	5,608 6 0	11,902 0 2	7,840 6 0	.....
11,845 9 7	735 12 0	11,109 13 7	.....	4,872 2 1
1,004 13 11	470 0 0	534 13 11	.....	5,714 7 3
2,48,205 6 11	48,679 4 0	1,99,526 2 11	44,695 3 8	77,372 5 3
2,35,116 7 1	27,490 7 0	2,07,626 0 1	.....	1,28,226 9 5
7,144 1 0	4,209 8 0	2,934 9 0	4,101 0 0	.....
69,025 0 0	30,000 0 0	39,025 0 0	.....	1,30,723 0 0
497 0 0	497 0 0	.....	.....	524 3 0
3,11,782 8 1	62,196 15 0	2,49,585 9 1	4,101 0 0	2,59,473 12 5
47,578 6 0	2,802 15 0	44,775 7 0	25,568 7 2	.....
16,20,739 5 9	6,54,806 4 0	9,65,933 1 9	14,87,827 9 0	8,62,547 8 5

Appendix

EXPEN

Actuals for 1927-28.	PARTICULARS.	Details of Actuals for 1928-29.	Actuals for 1928-29.	Final Grants sanctioned for Expenditure during 1928-29.
1	2	3	4	5
Rs. a. p. 2,47,46,370 9 1	Brought forward Rs. ...	Rs. a. p.	Rs. a. p. 2,53,71,650 9 8	Rs. a. p. 2,69,92,389 15 5
	X.—Drainage and Sewerage including the Halalkhore Branch.			
	A.—Drainage and Sluices—			
4,98,460 7 5	(*a*) Miscellaneous Drainage	4,95,111 8 2		5,88,722 2 0
4,361 15 0	(*b*) Sluices	4,857 15 0		6,810 0 0
5,02,822 6 5		4,99,969 7 2		5,95,532 2 0
	B.—Pumping and Compressor Stations and Floodgates—			
19,600 0 0	(*a*) Inspection and Supervision	21,959 11 0		22,390 0 0
51,792 15 6	(*b*) Compressor Station, Colaba	47,543 6 5		53,255 8 0
3,37,467 12 7	(*c*) Pumping Station, Love Grove	3,35,554 5 9		3,53,164 15 2
1,78,683 15 10	(*d*) Compressor Station, Love Grove	1,76,278 12 3		1,85,648 2 0
20,972 15 0	(*e*) Compressor Station at Bhandarwada (upkeep).	20,884 8 6		21,382 0 0
34,751 8 0	(*f*) Compressor Station at Arthur Road (upkeep)	28,136 7 6		30,060 0 0
15,367 15 6	(*g*) Compressor Station at Gowalia Tank	18,860 9 11		21,000 0 0
.....	(*h*) Pumping Station at Parel Poibavdi ..	1,517 15 4		5,975 0 0
.....	*h* (*a*) Compressor Station at Carrol Road	156 12 0		6,000 0 0
9,133 13 2	(*i*) Flood Gates	9,121 4 4		10,857 0 0
6,67,970 15 7		6,60,013 13 0		7,09,732 9 2
	C.—Halalkhore Branch—			
5,94,022 3 3	(*a*) Cleansing and Sanitation	5,76,089 8 8		6,11,910 2 0
1,06,894 10 5	(*b*) Bullock Traction ...	96,881 6 11		1,12,125 0 0
17,333 4 8	(*c*) Motor Traction	27,255 1 6		30,809 0 0
88,288 12 8	(*d*) Miscellaneous	63,399 7 0		97,100 13 0
8,06,538 15 0		7,63,625 8 1		8,51,944 15 0
76,957 3 10	New Works	1,08,599 5 7		1,89,549 6 0
20,54,289 8 10		.....	20,32,208 1 10	23,46,759 0 2
3,16,611 12 9	**XI.—Fire Brigade** ...	3,32,102 2 6		3,72,107 0 0
50,133 13 0	Debt Charges	50,162 0 0		50,191 0 0
.....	New Works	3,218 0 6		5,690 0 0
3,66,745 9 9		.....	3,85,482 3 6	4,27,988 0 0
	XII.—Building Regulations and other measures for securing the Public Safety.			
	A.—Executive Engineer's General Office Establishment	66,147 9 4		72,998 4 6
2,00,777 7 5	B.—Establishment for Inspection and Supervision of Private Buildings	1,98,232 8 4		2,08 804 7 0
8,536 4 4	C.—Supervision of Factories, Workshops and Work Places.	8,784 5 8		9,095 0 0
62,184 14 8	D.—Licensing Establishment ...	66,832 5 11		69,215 4 0
22,289 15 5	E.—Removal of Encroachment on Public Streets	34,856 3 1		41,411 0 0
7,736 12 3	F.—Street Ambulance Service ...	6,463 9 1		8,070 0 0
.....	New Works	340 10 4		487 0 0
3,67,688 5 8		.. ...	3,81,647 3 9	4,09,950 15 6
2,75,35,694 1 4	Carried over Rs. ...	.....	3,81,70,988 2 3	3,01,77,687 15 1

No. 4—*continued.*

DITURE.

Final Grants compared with the Actuals.			Compared with the Actuals for 1927-28.	
Balance unexpended.	Required to be renewed in 1929-30.	Savings.	Increase.	Decrease.
6	7	8	9	10
Rs. a. p. 16,20,739 5 9	Rs. a. p. 6,54,806 4 0	Rs. a. p. 9,65,933 1 9	Rs. a. p. 14,87,827 9 0	Rs. a. p. 8,62,547 8 5
93,610 9 10 1,952 1 0	22,759 2 0 9 0 0	70,851 7 10 1,943 1 0	..... 496 0 0	3,348 15 3 .....
95,562 10 10	22,768 2 0	72,794 8 10	496 0 0	3,348 15 3
430 5 0	.....	430 5 0	2,159 11 0	.....
5,712 1 7	4,404 12 0	1,307 5 7	.....	4,249 9 1
17,610 9 5	10,003 8 0	7,607 1 5	.....	1,913 6 10
9,369 5 9	1,187 4 0	8,182 1 9	.....	2,405 3 7
497 7 6	105 0 0	392 7 6	.....	88 6 6
1,923 8 6	110 0 0	1,813 8 6	.....	6,615 0 6
2,139 6 1	150 0 0	1,989 6 1	3,492 10 5	.....
4,457 0 8	388 15 0	4,068 1 8	1,517 15 4	.....
5,843 4 0 1,735 11 8	2,961 8 0	2,881 12 0 1,735 11 8	156 12 0	..... 12 8 10
49,718 12 2	19,310 15 0	30,407 13 2	7,327 0 9	15,284 3 4
35,820 9 4 15,243 9 1 3,553 14 6 33,701 6 0	2,026 2 0 ..... 25 0 0 22,383 4 0	33,794 7 4 15,243 9 1 3,528 14 6 11,318 2 0	.... 9,921 12 10	17,932 10 7 10,013 3 6 ..... 24,889 5 8
88,319 6 11	24,434 6 0	63,885 0 11	9,921 12 10	52,835 3 9
80,950 0 5	62,127 10 0	18,822 6 5	31,642 1 9	.....
3,14,550 14 4	1,28,641 1 0	1,85,909 13 4	49,386 15 4	71,468 6 4
40,004 13 6 29 0 0 2,471 15 6	10,756 15 0 27 0 0 1,128 0 0	29,247 14 6 2 0 0 1,343 15 6	15,490 5 9 28 3 0 3,218 0 6	....
42,505 13 0	11,911 15 0	30,593 14 0	18,736 9 3	.....
6,850 11 2	1,199 5 0	5,651 6 2	.....	15 6 3
10,581 14 8	1,031 12 0	9,550 2 8	.....	2,554 15 1
250 10 4 2,382 14 1	..... 567 11 0	250 10 4 1,815 3 1	248 1 4 4,647 7 3	....
6,554 12 11 1,586 6 11 96 5 8	84 5 0 33 3 0	6,470 7 11 1,553 3 11 96 5 8	12,566 3 8 ..... 340 10 4	..... 1,273 3 2 .....
28,303 11 9	2,916 4 0	25,387 7 9	17,802 6 7	3,843 8 6
20,06,099 12 10	7,98,275 8 0	12 07,824 4 10	15,73,753 8 2	9,37,859 7 3

Appendix

EXPEN

Actuals for 1927-28.	PARTICULARS.	Details of Actuals for 1928-29.	Actuals for 1928-29.	Final Grants sanctioned for Expenditure during 1928-29.
	2	3	4	5
Rs. a. p.		Rs. a. p	Rs. a. p.	Rs. a. p.
2,75,35,094 1 4	Brought forward Rs. ...	.....	2,81,70,988 2 8	3,01,77,087 15 1
	XIII.—Gardens and Open Spaces.			
	A.—Gardens—			
1,20,090 5 9	(*a*) Victoria Gardens ...	1,20,912 8 1	.....	1,36,797 7 0
36,184 8 0	(*b*) Miscellaneous Gardens, Oper Spaces, Band Stands, etc.	37,441 13 4	.....	43,808 15 0
1,56,274 13 9		1,58,354 0 5	.....	1,80,606 6 0
	B.—New Gardens, Recreation			
6,175 13 0	Grounds, etc....	14,766 1 4	.....	18,964 11 0
4,615 15 3	New Works	3,493 9 8	.....	4,356 9 0
1,67,066 10 0		.....	1,76,613 11 5	2,03,927 10 0
	XIV.—Markets and Slaughter Houses.			
	A.—Markets and Slaughter Houses—			
41,684 7 0	(*a*) Central Office	37,990 7 0	.....	38,604 0 0
1,58,321 8 4	(*b*) Municipal Markets ...	1,68,544 1 8	.....	1,87,668 15 0
1,29,272 3 4	(*c*) Slaughter Houses ...	1,23,590 6 0	.....	1,45,766 4 6
67,494 0 8	(*d*) Meat Carriage	66,284 3 6	.....	73,788 3 0
19,213 1 0	(*e*) Refrigerator	18,613 3 10	.....	29,598 0 0
4,15,985 4 4		4,14,822 6 0	.....	4,75,425 6 0
3,76,990 14 0	Debt charges	3,62,937 1 0	.....	3,65,873 0 0
7,725 6 1	New Works	1,244 14 4	.....	6,047 15 0
8,00,701 8 5		.....	7,79,004 5 4	8,47,346 5 0
23,11,03) 7 0	**XV.—Contribution to the City Improvement Trust.**	.....	23,02,180 0 4	24,07,496 0 0
1,99,481 0 0	**XVI.—Contribution to Provident Fund by the Municipal Corporation ... .**	.....	2,39,210 10 3	2,45,472 10 3
4,31,527 7 0	**XVII.—Loan Works Establishment. ... ...**	.....	3,75,909 15 5	4,23,617 0 0
974 2 0	**XVIII.—Retrenchment Enquiry ... ...**	.....	6,000 0 0	6,000 0 0
.....	**XIX.—Contribution from Revenue to wards Bai Jarbai Wadia Hospital for Children ... ...**	.....	7,00,000 0 0	7,00,000 0 0
.....	**XX.—Municipal Research Bureau ... ...**	.....	371 8 2	1,655 0 0
3,14,45,875 3 9	Total Rs. ...	.....	3,27,50,278 5 2	3,50,12,602 8 4

M. R. TAMBE,

Chief Accountant.

No. 4—*concluded.*

DITURE.

Final Grants compared with the Actuals.			Compared with the Actuals for 1927-28.	
Balance unexpended.	Required to be renewed in 1929-30.	Savings	Increase.	Decrease.
6	7	8	9	10
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
20,06,099 12 10	7,98,275 8 0	12,07,824 4 10	15,73,753 8 2	9,37,859 7 8
15,885 3 11	10 525 15 0	5,359 4 11	821 13 4	.....
6,367 1 8	1,774 3 0	4,592 14 8	1,257 5 4	.....
22,252 5 7	12,300 2 0	9,952 3 7	2,079 2 8	.....
4,198 9 8	562 5 0	3,636 4 8	8,590 4 4	.....
862 15 4	593 13 0	269 2 4	.....	1,122 5 7
27,313 14 7	13,456 4 0	13,857 10 7	10,669 7 0	1,122 5 7
613 9 0	.....	613 9 0	.....	3,694 0 0
19,124 13 4	2,656 8 0	16,468 5 4	10,222 9 4	.....
22,375 14 0	5,971 6 0	16,404 8 0	.....	5,881 13 4
7,503 15 6	505 3 0	6,998 12 6	.....	1,209 13 2
10,984 12 2	.....	10,984 12 2	.....	590 13 2
60,603 0 0	9,133 1 0	51,469 15 0	10,222 9 4	11,385 7 8
2,935 15 0	2,802 6 0	133 9 0	.....	14,053 13 0
4,803 0 8	4,165 0 0	638 0 8	.....	6,480 7 9
68,341 15 8	16,100 7 0	52,241 8 8	10,222 9 4	31,919 12 5
1,05,315 15 8	.....	1,05,315 15 8	.....	8,850 6 8
6,262 0 0	.....	6,262 0 0	39,729 10 3	.....
47,707 0 7	497 0 0	47,210 0 7	.....	55,617 7 7
.....	.....	.....	5,025 14 0	.....
.....	.....	.....	7,00,000 0 0	.....
1,283 7 10	528 4 0	755 3 10	371 8 2	.....
22,62,324 3 2	8,28,857 7 0	14,33,466 12 2	23,39,772 8 11	10,35,361 7 6

A R. DALAL,
Municipal Commissioner.

Appendix

REVENUE ACCOUNT BALANCE

Liabilities.	Rs. a. p.	Rs. a. p.
Debts—		
Due on Cash Bills Outstanding Account	12,881 8 2	
„ Cheques payable	17,48,966 8 7	
„ Stores purchased, Outstanding Accounts	93,117 13 9	
„ Outstanding Charges for 1928-29 and previous years	8,28,857 7 6	
„ „ „ on account of Interest accrued but not paid ...	17,85,630 3 4	
City Improvement Trust—		
Contribution falling due in 1929-30	22,92,678 6 8	
Deposits in Cash and Paper from Contractors and private parties ... ... (*Vide* details as shown in Appendix No. 14 C.)	21,20,689 1 7	88,82,821 1 1
Public Monuments Maintenance Fund (*vide* details as shown in Appendix No. 16 B.)		1,03,824 0 0
Endowments Fund (*vide* details shown in Appendix No. 16 C)		81,294 12 0
Stock Account—		
Capital Purchases Account &c.	34,608 7 6	
Stock Adjustment Account	30,988 5 5	65,596 12 11
Special Funds as at 31st March 1929—		
Fire and Accident Insurance Fund	5,76,227 12 9	
Net Premia Fund	15,95,980 15 3	
Provident Fund	30,46,573 11 11	
Fines Fund	3,51,874 12 6	
Plant and Machinery Depreciation Fund	19,70,182 0 3	
Renewal of Road Surfaces Fund	5,03,190 0 0	80,44,029 4 8
Carried forward Rs. ...		1,71,77,565 14 8

No. 5.

SHEET AS AT 31ST MARCH 1929.

Assets.	Rs. a. p.	Rs. a. p.
Cash in Bank and Cash and Paper in Office	... ...	14,98,883 10 1
Debts—		
Due for stores sold	... ...	2,060 1 0
Stock—(*Vide* Appendix No. 14 D.)		
Stock (Reserve Stores)	4,87,922 0 0	
Water Works Imprest	4,416 4 7	
Executive Engineer's Department (D. E. Works)	28,156 5 3	
Stores in charge of Drainage Engineer	1,075 0 0	
Line Suspense Account...	82,181 1 7	
	6,03,750 11 5	
Capital Stores—		
Stock	3,39,247 12 0	9,42,993 7 5
Plant and Machinery	...	18,80,037 3 8
Advances Recoverable—(*Vide* Appendix No. 14 B.)		
Departmental Works	57,671 5 2	
Private Works	47,541 5 8	
Asphalt Plant, Crushers, &c.	1,68,829 4 3	
Municipal Officers	19,415 9 6	
Sundries—Mis.-Advances.	1,28,655 6 9	
Municipal Contractors	3,857 14 4	
Purchase of Coal	13,903 10 4	
Purchase of Petrol	4,225 10 6	
Rent Relief	3,468 0 6	
Workshops	65,051 10 10	
		5,12,619 13 10
Advance from Plant and Machinery Depreciation Fund for levelling, metalling, &c., private streets		1,89,202 3 6
Deposits in paper—		
On Contractors', etc., Accounts with the Imperial Bank of India	... ..	5,17,800 0 0
Carried forward Rs. ...		55,43,601 7 6

Appendix

REVENUE ACCOUNT BALANCE

	Rs. a. p.	Rs. a. p.
Brought over Rs. ..		1,71,77,565 14 8
Surplus Revenue Fund as per Appendix No. 2		72,02,169 13 3
Total Rs.		2,43,79,735 11 11

M. R. TAMBE,
Chief Accountant.

No. 5—*concluded.*

SHEET AS AT 31st MARCH 1929.

Investments—	Brought over Rs. In Securities. Face Value. As per Appendix No. 16.	Actual cost. As per Appendix No. 16.	Deposits in Cash Fixed, at call and current a/c.	Rs. a. p.	Rs. a. p.
	Rs. a. p.	Rs. a. p.	Rs. a. p.		55,43,601 7 6
Special Funds.					
Municipal Fire and Accident Insurance Fund	6,56,400 0 0	5,75,721 8 0	506 4 9		
Net Premia, &c., on different Municipal Loans	18,43,500 0 0	15,95,533 0 0	447 15 3	5,76,227 12 9	
				15,95,980 15 3	
Provident Fund ...	36,29,800 0 0	30,46,038 12 0	534 15 11		
				30,46,573 11 11	
Fines Fund	3,93,900 0 0	3,51,572 0 0	302 12 6		
				3,51,874 12 6	
Plant and Machinery Depreciation Fund...	19,43,500 0 0	17,80,563 1 0	416 11 9		
				17,80,979 12 9	
Renewal of Road Surfaces Fund	5,71,600 0 0	5,03,008 0 0	182 0 0	5,03,190 0 0	
Surplus Revenue Fund.					78,54,827 1 2*
6 per cent. Municipal Debentures	2,45,500 0 0	2,45,500 0 0			
3½ per cent. Government Paper	31,600 0 0	19,828 12 0			
5 per cent. Government War Loan	2,35,100 0 0	2,24,961 5 0			
5 per cent. 10 Year Bonds 1935	1,65,000 0 0	1,58,400 0 0			
5 per cent. Municipal Debentures	11,80,000 0 0	11,80,000 0 0			
4 per cent. Do. do.	3,33,300 0 0	3,21,249 4 0			
4 per cent. Government Loan 1960-70	8,62,600 0 0	7,81,372 0 0			
4 per cent. C. I. Trust Coupon Debentures	3,76,600 0 0	3,18,227 0 0			
4 per cent. C. I. Trust Debentures	1,50,000 0 0	1,26,750 0 0			
4 per cent. Government Conversion Loan	11,13,500 0 0	10,98,391 4 0			
6½ per cent. Bombay Development Loan	3,13,500 0 0	3,52,295 10 0			
4½ per cent. Govt. Loan 1934.	18,46,000 0 0	17,99,850 0 0			
	68,52,700 0 0	66,26,825 3 0	42,24,250 14 11	1,08,51,076 1 11	
Less—Amount held in Surplus Revenue Fund on account of Trust Funds, shown in Appendix No. 7	.....	.....	.....	54,887 10 8	
					1,07,96,188 7 3
As	per Appendices	Nos. 16 B & 16C.			
Public Monuments Maintenance Fund. (*Vide* Appendix No. 16 B.)..	1,06,700 0 0	1,03,824 0 0	.....	1,03,824 0 0	
Endowments Fund. (*Vide* Appendix No. 16 C.) ...	87,600 0 0	81,294 12 0	.....	81,294 12 0	1,85,118 12 0
				Total Rupees	2,43,79,735 11 11

* For Face, Purchase and Market values of each kind of securities held in the Special Funds, please see Appendix No. 16 attached

A. R. DALAL,
Municipal Commissioner.

Appendix No. 6.

Statement of Special Funds for 1928-29.

Municipal Fire and Accident Insurance Fund.

(Corporation Resolution No. 4572 of 4th October 1888, Corporation Resolution No. 4479 of 5th October 1914, Standing Committee Resolution No. 3451 of 2nd July 1924, Corporation Resolution No. 13888 of 18th February 1926.)

	Dr.	*Cr.*
	Rs. a. p.	Rs. a. p.
Balance on 1st April 1928	.....	5,30,508 6 8
Contributions for the year	.....	21,500 0 0
Interest realized	.....	24,373 11 0
Expenditure incurred during the year	154 4 11	.....
Balance on 31st March 1929 as per Balance Sheet, Appendix No. 5...	5,76,227 12 9	.....
Total Rs. ...	5,76,382 1 8	5,76,382 1 8

Worn-out Water Mains Renewal Fund.

(Standing Committee Resolution No. 12512 of 22nd February 1893 and Corporation Resolution No. 13406 of 9th March 1893.)

	Rs. a. p.	Rs. a. p.
Balance on 1st April 1928	.....	3,15,263 14 10
Interest realized	.....	15,305 12 0
Expenditure incurred during the year	9,869 13 2	... ...
Balance on 31st March 1929 as per Balance Sheet, Appendix No. 7..	3,30,699 13 8	.....
Total Rs. ...	3,30,569 10 10	3,30,569 10 10

Net Premia Fund.

(Corporation Resolution Nos. 5294 of 19th November 1888, 9222 of 11th December 1893 and 5179 of 15th November 1906 and Standing Committee Resolution No. 3343 of 28th August 1907.)

	Rs. a. p.	Rs. a. p.
Balance on 1st April 1928	.....	16,85,940 6 1
Interest realized	.....	85,128 1 8
Sale of water-marked paper	.....	81 5 0
Amount transferred to Sinking Fund Investments Reserve Fund ..	1,75,168 13 6	.....
Expenditure incurred during the year	.....	.....
Balance on 31st March 1929 as per Balance Sheet, Appendix No. 5 ...	*15,95,980 15 3	.....
Total Rs. ...	17,71,149 12 9	17,71,149 12 9

* Out of this, Rs. 7,84,290 belong to Water Works Account.

Appendix No. 6—*continued.*

Statement of Special Funds for 1928-29.

Provident Fund.

(Corporation Resolution No. 5598 of 7th September 1920.)

	Dr.	Cr.
	Rs. a. p.	Rs. a. p.
Balance on 1st April 1928 :— Rs. a. p.		
Amount of Subscribers' accounts 17,01,689 15 9		
,, excess interest carried forward ... 32,962 6 9		
		17,34,652 6 6
Net Receipts on account of Subscribers' and Municipal contributions during 1928-29	.....	3,85,964 7 3
Interest allowed on the Provident Fund Accounts during 1928-29.	.....	82,152 6 0
Amount of excess interest, etc., realised on the investments during 1928-29	.....	32,965 14 0
Receipts on account of Subscription and interest (Schools Committee).	.....	8,10,838 10 2
Balance on 31st March 1929 as per Balance Sheet, Appendix No. 5 ...	30,46,573 11 11	.....
Total Rs. ...	30,46,573 11 11	30,46,573 11 11

Fines Fund.

(Corporation Resolution No. 1217 of 12th May 1919.)

	Rs. a. p.	Rs. a. p.
Balance on 1st April 1928	.....	2,96,087 13 0
Interest realized	.....	15,954 9 8
Net Recoveries of fines during the year	.....	45,293 0 0
Expenditure incurred during the year	5,460 10 2	.....
Balance on 31st March 1929 as per Balance Sheet, Appendix No. 5 ...	3,51,874 12 6	.....
Total Rs. ...	3,57,335 6 8	3,57,335 6 8

Plant and Machinery Depreciation Fund.

(Corporation Resolution No. 5533 of 1st September 1924.)

	Rs. a. p.	Rs. a. p.
Balance on 1st April 1928	.....	17,56,495 7 8
Interest realized during the year	.....	84,515 4 7
Amount of depreciation on plant and machinery credited to Fund account during the year	.....	1,70,793 0 0
Value of Scrap of Plant and Machinery sold	.....	13,586 0 0
Expenditure on purchase of Plant and Machinery	55,207 12 0	.....
Balance on 31st March 1929 as per Balance Sheet, Appendix No. 5 :—		
Amount advanced for meeting expenditure on levelling, metalling, etc., Private streets ... Rs. a. p. 1,89,202 3 6		
Amount held in Securities and cash 17,80,979 12 9	19,70,182 0 3	
Total Rs. ...	20,25,389 12 3	20,25,389 12 3

Renewal of Road Surfaces Fund.

(Corporation Resolution No. 774 of 27th April 1925.)

	Rs. a. p.	Rs. a. p.
Balance on 1st April 1928	.....	3,21,177 15 0
Instalment for the year 1928-29	.....	1,59,913 0 0
Interest realized	.....	22,099 1 0
Balance on 31st March 1929 as per Balance Sheet, Appendix No. 5	5,03,190 0 0	.....
Total Rs. ...	5,03,190 0 0	5,03,190 0 0

Appendix No. 6—*concluded.*

Statement of Special Funds for 1928-29.

Levelling, Metalling, &c., Private Streets Fund.

(Corporation Resolution No. 9427 of 23rd January 1922 and Corporation Resolution No. 11147 of 7th January 1926.)

	Dr.	*Cr.*
	Rs. a. p.	Rs. a. p.
Expenditure incurred out of the amount advanced from Plant and Machinery Depreciation Fund upto 1st April 1928 ...	2,33,822 11 7	.....
Expenditure during the year	42,817 9 9	.....
Recoveries on account of expenditure during the year	.....	81,535 7 1
Interest charges during the year	10,102 13 3	2,540 10 4
Recoveries on account of supervision charges during the year ...	.....	13,464 13 8
Advance from Plant and Machinery Depreciation Fund as at 31st March 1929	.....	1,89,202 3 6
Total Rs. ...	2,86,743 2 7	2,86,743 2 7

Municipal Land and Buildings Fund.

(Corporation Resolution No. 42 of 3rd April 1916 and Corporation Resolution No. 2600 of 25th June 1923.)

	Rs. a. p.	Rs. a. p.
Balance on 1st April 1928	.....	9,27,445 3 7
Interest realized	.....	58,566 5 0
Realizations on account of sale of land	.....	67,270 15 8
Expenditure incurred during the year	1,160 0 0	.....
Amount refunded by the Collector of Bombay in connection with the resumption of sanadi land at Khoja Street for storing road materials.	.....	7,500 0 0
Amount advanced to Development Fund	7,28,068 4 1	.....
Balance on 31st March 1929 as per Balance Sheet, Appendix No. 7 ...	3,31,554 4 2	.....
Total Rs. ...	10,60,782 8 3	10,60,782 8 3

Public Monuments Maintenance Fund.

	Rs. a. p.	Rs. a. p.
Balance on 1st April 1928	.....	1,51,222 12 0
Donations received during the year	.....	19,424 0 0
Transferred to Endowments Fund...	66,822 12 0	.....
Balance on 31st March 1929 as per Balance Sheet, Appendix No. 5...	1,03,824 0 0	.....
Total Rs. ...	1,70,646 12 0	1,70,646 12 0

Endowments Fund.

	Rs. a. p.	Rs. a. p.
Transferred from Public Monuments Maintenance Fund	.....	66,822 12 0
Endowments received during the year	.....	14,472 0 0
Balance on 31st March 1929	81,294 12 0	.....
Total Rs. ...	81,294 12 0	81,294 12 0

Development Fund.

(Corporation Resolution No. 6159 of 12th October 1922.)

	Rs. a. p.	Rs. a. p.
Balance on 1st April 1928	.....	7,55,319 2 1
Transfer from Land and Buildings Fund	.....	7,28,068 4 1
Interest on investments and Rents from properties acquired and rented out	.....	3,11,050 4 0
Sale-proceeds of surplus land, etc.	.....	41,209 0 0
Temporary advance from loan funds	.....	5,44,573 0 0
Expenditure incurred during the year	23,61,402 4 2	... ...
Balance on 31st March 1929	18,817 6 0	.....
Total Rs. ...	23,80,219 10 2	23,80,219 10 2

M. R. TAMBE,
Chief Accountant.

A. R. DALAL,
Municipal Commissioner.

Appendix 6-A.

STATEMENT showing details of Development Fund Receipts and Expenditure upto 31st March 1929.

RECEIPTS.

Particulars	Receipts upto 31st March 1928.	Receipts during 1928-29.	Total Receipts upto 31st March 1929.
	Rs. a. p.	Rs. a p.	Rs. a. p.
Loans Raised—			
2½ Crores Loan (Development portion).	2,06,43,000 0 0	.....	2,06,43,000 0 0
200 Lakhs Loan („ „)	22,00,000 0 0	.....	22,00,000 0 0
50 Lakhs Loan for acquisition of lands for roads and street improvements...	39,94,000 0 0	.....	39,94,000 0 0
31: Lakhs advance from Government for Mahim Development Schemes ...	31,00,000 0 0	.....	31,00,000 0 0
25 Lakhs Loan (1927-28)	4,00,000 0 0	.....	4,00,000 0 0
	3,03,37,000 0 0	.....	3,03,37,000 0 0
Other Receipts—			
Sale proceeds of land at Mahaluxmi ...	56,06,006 0 0	.....	56,06,006 0 0
Interest on Investments and Rents from properties acquired and rented out	27,67,283 10 5	3,11,050 4 0	30,78,333 14 5
Carried forward Rs. ...	3,87,10,289 10 5	3,11,050 4 0	3,90,21,339 14 5

EXPENDITURE.

Particulars.	Expenditure upto 31st March 1928.	Expenditure during 1928-29.	Total Expenditure upto 31st March 1929.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Expenditure on Works—			
Golanji Hill Road	6,40,401 13 0	1,426 10 1	6,41,828 7 1
Hornby Road to Ballard Pier Scheme	1,76,54,499 14 3	6,27,300 5 6	1,82,81,800 3 9
Mahim Park	56,81,561 4 2	26,744 15 4	57,08,306 3 6
Dalal Street	3,91,156 8 1	.....	3,91,156 8 1
Mahaluxmi Overbridge	11,85,177 4 7	79,140 0 10	12,64,317 5 5
Plant and Machinery	20,673 0 2	.....	20,673 0 2
Mahim Development Schemes	68,50,641 8 11	4,06,786 0 5	72,57,437 9 4
	3,24,24,111 5 2	11,41,398 0 2	3,35,65,509 5 4
Interest on Capital.—			
(*Vide* details in Appendix 6-B)	57,75,140 0 2	12,14,637 10 0	69,89,777 10 2
Works executed in connection with the replacement of assets consequent on the Grant Road Terminal Scheme	4,37,598 6 3	5,366 10 0	4,42,965 0 3
Carried forward Rs ...	3,86,36,849 11 7	23,61,402 4 2	4,09,98,251 15 9

Brought over Rs. ...	3,87,10,289 10 5	3,11,050 4 0	3,90,21,339 14 5
Recoveries on account of sale of lands—			
Golanji Hill Road	5,234 13 0	.....	5,234 13 0
Hornby Road to Ballard Pier Road ...	1,47,094 7 3	8,313 9 0	1,55,408 0 3
Mahim Park	17,651 3 0	4,241 10 0	21,892 13 0
Mahaluxmi Overbridge...	29,390 6 0	403 3 0	29,793 9 0
Dalal Street	3,94,000 0 0	—653 8 0	3,93,341 8 0
	5,93,370 13 3	12,299 14 0	6,05,670 11 3
Mahim Development Schemes—			
Scheme No. I	2,12,581 0 0	1,906 10 4	2,14,487 10 4
„ „ II	2,98,844 2 8	.....	2,98,844 2 8
„ „ III	1,18,953 11 5	12,488 13 8	1,31,442 9 1
„ „ IV	2,31,631 13 11	8,163 10 0	2,39,795 7 11
„ „ V	11,570 0 0	.....	11,570 0 0
„ „ VI	.....	.....	.....
„ „ VII	10,587 13 0	.....	10,587 13 0
„ „ VIII	51,596 13 0	6,350 0 0	57,946 13 0
	9,3[illegible],765 6 0	28,909 2 0	9,64,674 8 0
	15,29,136 3 3	41,209 0 0	15,70,345 3 3
Transfer from Land and Buildings Fund	22,52,743 0 0	7,28,068 4 1	29,80,8 1 4 1
Temporary advance from Loan Eund ..	.....	5,44,573 0 0	5,44,573 0 0
Grand Total Rs. ...	4,24,92,168 13 8	16,24,900 8 1	4,41,17,069 5 9

Brought over Rs. ...	3,86,36,849 11 7	23,61,402 4 2	4,09,98,251 15 9
Repayment of Advance from Government for Mahim Development Schemes	31,00,000 0 0	.....	31,00,000 0
Total Expenditure Rs. ...	4,17,36,849 11 7	23,61,402 4 2	4,40,98,251 15 9
Balance „ ...	7,55,319 2 1	.....	18,817 6 0
Grand Total Rs....	4,24,92,168 13 8	.....	4,41,17,069 5 9

M. R. TAMBE,

Chief Accountant.

A. R. DALAL,

Municipal Commissioner.

Appendix 6 B.

STATEMENT showing details of allocation of interest paid on Development Loans including the advance of Rs. 31 lakhs from Government for Mahim Development Schemes.

Particulars.	Interest paid upto 31st March 1928.				Interest paid during 1928-29.			Total.	Grand Total.
	Interest capitalized.	Met from interst on investments and rent, &c., receipts of properties acquired and rented out.	Met from the transfer from Land and Buildings Fund.	Total.	Met from interest on investments and rent, &c., receipts of properties acquired and rented out.	Met from the transfer from Land and Buildings Fund.	Met from the Temporary advance from Loan Fund.		
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Golanji Hill Road	32,236 14 4	39,804 0 0	90,865 4 3	1,62,906 2 7	.....	27,635 0 0	.....	27,635 0 0	1,90,541 2 7
Hornby Road to Ballard Pier Scheme	.....	17,61,382 8 7	6,05,790 11 1	23,67,173 3 8	3,11,050 4 0	4,05,841 6 0	.....	7,16,891 10 0	30,84,064 13 8
Mahim Park	2,22,080 0 1	3,70,952 0 0	6,85,323 0 0	12,78,355 0 1	.....	63,540 14 1	1,75,519 1 11	2,39,060 0 0	15,17,415 0 1
Mahaluxmi Overbridge ...	.....	66,280 0 0	91,231 8 2	1,57,511 8 2	.....	49,649 0 0	.....	49,649 0 0	2,07,160 8 2
Dalal Street	1,993 12 0	12,524 0 0	.....	14,522 12 0	.....	.....	.....	.....	14,522 12 0
	2,56,315 10 5	22,50,942 8 7	14,73,210 7 6	39,80,468 10 6	3,11,050 4 0	5,46,666 4 1	1,75,519 1 11	10,33,235 10 0	50,13,704 4 6
Mahim Development Schemes.									
Scheme No. I	40,062 3 2	33,579 0 0	62,039 14 7	1,35,681 1 9	.....	13,037 0 0	.....	13,037 0 0	1,48,718 1 9
„ „ II	86,514 5 2	61,783 0 0	90,073 0 10	2,38,370 6 0	.....	13,495 0 0	.....	13,495 0 0	2,51,865 6 0
„ „ III	1,23,650 9 8	1,20,741 1 11	2,28,536 15 7	4,72,928 11 2	.....	43,544 0 0	.....	43,544 0 0	5,16,472 11 2
„ „ IV	2,48,588 10 8	2,56,267 6 1	3,26,531 0 2	8,31,387 0 11	.....	69,043 0 0	.....	69,043 0 0	9,00,430 0 11
„ „ V	.....	13,833 0 0	20,824 8 6	34,657 8 6	.....	11,469 0 0	.....	11,469 0 0	46,126 8 6
„ „ VI	.....	3,515 9 10	4,382 2 9	7,897 12 7	.....	2,449 0 0	.....	2,449 0 0	10,346 12 7
„ „ VII	.....	15,236 0 0	23,192 1 10	38,428 1 10	.....	14,208 0 0	.....	14,208 0 0	52,636 1 10
„ „ VIII	.....	11,386 0 0	18,368 10 11	29,754 10 11	.....	10,432 0 0	.....	10,432 0 0	40,186 10 11
Laying mains in Mahim Development Schemes ...	.....	.....	5,357 0 0	5,357 0 0	.....	3,602 0 0	.....	3,602 0 0	8,959 0 0
Diversion of water mains affected by Mahim Development Schemes	.....	.....	209 0 0	209 0 0	.....	123 0 0	.....	123 0 0	332 0 0
	4,98,815 12 8	5,16,341 1 10	7,79,514 7 2	17,94,671 5 8	.....	1,81,402 0 0	.....	1,81,402 0 0	19,76,073 5 8
Total Rs. ...	7,55,131 7 1	27,67,283 10 5	22,52,724 14 8	57,75,140 0 2	3,11,050 4 0	7,28,068 4 1	1,75,519 1 11	12,14,637 10 0	69,89,777 10 2

M. R. TAMBE,
Chief Accountant.

A. R. DALAL,
Municipal Commissioner.

Appendix

CAPITAL FUND BALANCE

	Rs. a. p.	Rs. a. p.	Rs. a. p.
Loans Outstanding :—			
Due to Government—			
(*Vide* details as shown in Appendix No. 11)		9,60,82,324 14 9	
Due to Public—			
(*Vide* details as shown in Appendix No. 11)		8,87,77,000 0 0	18,48,59,324 14 9
Municipal Land and Buildings Fund Account			3,31,554 4 2
Trust Fund Account :—			
Balance out of donation received for Maternity Home at Chhas Moholla			54,887 10 8
Worn-out Water Mains Renewal Fund Account			3,20,699 13 8
Temporary advance from Surplus Cash Balance pending raising of a loan on account of conversion of insanitary basket-privies into water-closets by subsidising house-owners.			90,400 0 0
Carried forward Rs. ...			18,56,56,866 11 3

No. 7.

SHEET AS AT 31ST MARCH 1929.

	Rs. a. p.	Rs. a. p.
Block Account:—		
Loan Funds—		
Property and Assets at original cost as per Appendix No. 8		18,42,13,558 11 10
Development Fund—		
MAHIM DEVELOPMENT SCHEMES—		
Expenditure as per Appendices Nos. 6 A & 6 B	92,33,500 15 0	
OTHER SCHEMES—		
Expenditure as per Appendices Nos. 6 A & 6 B	3,13,21,786 0 6	
Replacement of Assets	4,42,965 0 3	4,09,98,251 15 9
Trust Fund—		
Expenditure as per Appendix No. 8		33,48,086 6 9
Worn-out Water Mains Renewal Fund.—		
Expenditure as per Appendix No. 8		5,65,368 2 6
Unbooked Property.—		
Provisional figure as per valuation of 1884 pending revaluation now in progress ...		45,37,835 11 11
Municipal Land and Buildings Fund:—		
Land purchased and Buildings erected as per Appendix No. 8	42,95,329 0 10	
Temporary advance to Development Fund	29,80,811 4 1	72,76,140 4 11
Subventions granted for the conversion of privies into water-closets		90,400 0 0

Investments—

SINKING FUND:—

	In Securities.		In Cash.		
	Face Value.	Actual Cost.	Cash Deposits.		
	As per Appendix No. 10.				
	Rs. a. p.	Rs. a. p.	Rs. a. p.		
Sinking Funds	2,63,63,400 0 0 £3,47,600 0 0	2,99,11,988 6 4	179 1 7	2,99,12,167 7 11	
Sinking Fund Investments Reserve Fund	9,67,800 0 0	8,55,080 0 0	534 14 6	8,55,614 14 6	(a) 3,07,67,782 6 5
Carried forward Rs. ...				.....	27,17,97,423 12 1

(a) For Face and Market value of each kind of security held in the Sinking Funds, please see Appendix No. 16A attached.

Appendix

CAPITAL FUND BALANCE

	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought over Rs. .			18,56,56,866 11 3
Surplus—			
CAPITAL ASSETS AT ORIGINAL COST OVER LIABILITIES :—			
Sinking Fund on Loans	3,07,67,782 6 5		
Loans repaid, etc.	2,65,33,274 3 6		
Unbooked Property	45,37,835 11 11		
Premia on Loans	2,93,848 11 11		
Contributions from Special Funds	8,03,171 0 3		
,, ,, Revenue for Loan Works Establishment...	17,869 15 8		
,, ,, G. I. P. Ry.	3,74,000 0 0		
,, ,, Port Trust	1,56,500 0 0		
,, ,, Government for Schools	5,00,000 0 0		
,, ,, Worn-out Water Mains Renewal Fund ...	5,65,368 2 6		
,, ,, Land and Buildings Fund	72,76,140 4 11		
,, ,, Development Fund	1,32,35,496 5 9		
,, ,, Revenue towards Bai Jerbai Wadia Hospital for Children	7,00,000 0 0		
	8,57,61,286 14 10		
Contributions from Trust Fund—			
Royal Visit Fund in connection with a Ward for Tuberculosis Balance of Donation	52,687 0 5		
Gordhandas Sunderdas Medical College (Government Promissory Notes of the face value of Rs. 14½ lakhs received from Gordhandas Sunderdas Charities Trust)—			
Donation ... Rs. 9,00,072 0 0			
Interest ... ,, 1,84,215 13 6			
	10,84,287 13 6		
King Edward VII Memorial Hospital—			
Contribution from Government ... ,, 4,94,326 11 10			
,, ,, K. E. M. Committee ... ,, 6,94,599 0 11			
	11,88,925 12 9		
Fire Brigade Station at Frere Road—			
Contribution from Port Trust	1,32,318 6 0		
Maternity Home at Victoria Road 3rd Cross Lane—			
Contribution from Sir Mahomedbhoy Currimbhoy—			
Donation ... Rs. 1,00,970 1 7			
Interest ... ,, 11,593 1 11			
	1,12,563 3 6		
Willingdon Memorial Play ground (Amount received from Willingdon Memorial Committee)—			
Donation ... Rs. 1,35,604 11 4			
Interest ... ,, 22,435 3 7			
	1,58,039 14 11		
Maternity Home at Chhas Mohola (From the estate of Mr. Mahomed Haji Saboo Sidick)—Donation ... Rs. 5,13,500 0 0			
Interest ... ,, 1,30,516 3 8			
,, 6,44,016 3 8			
Less—Amount held in Trust Fund Account ... ... ,, 54,887 10 8	5,89,128 9 0		
Memorial Ward at K. E. M. Hospital (Donation from the estate of the late Dr. Haji Ismail Jan Mahomed)	30,135 10 8		
	33,48,066 6 9		
		8,91,09,373 5 7	
Deduct—			
Assets written off	.....	4,19,188 9 9	
			8,86,90,184 11 10
Total Rs. ...			27,43,47,051 7 1

M. R. TAMBE,
Chief Accountant.

No. 7—*concluded.*

SHEET AS AT 31ST MARCH 1929.

				Rs. a. p.	Rs. a. p.
			Brought over Rs. ...		27,17,97,423 12 1
	In Securities.				
	Face Value.	Actual Cost.	Cash Deposit.		
	Rs. a. p.	Rs. a. p.	Rs. a. p.		
Surplus Loan Funds—					
4% Government Conversion Loan	3,46,000 0 0	3,46,000 0 0	.....		
3½% Government Paper ...	2,400 0 0	1,440 0 0	.....		
4% Loan 1960-70	3,98,600 0 0	3,50,768 0 0	.....		
4% C. I. Trust Debentures...	29,800 0 0	29,800 0 0	.....		
Cash on Fixed Deposit ...	.....	.....	11,10,000 0 0		
Do. Current Account Deposit	.....	.....	4,321 7 5		
Do. with the Imperial Bank of India ...	.....	.....	156 7 1		
Total ..	7,76,800 0 0	7,28,008 0 0	11,14,477 14 6	18,42,485 14 6	(a)
					18,42,485 14 6
SPECIAL FUNDS.					
	As per Appendix No. 16.				
Land and Buildings Fund	3,56,400 0 0	3,31,181 0 0	373 4 2	3,31,554 4 2	
Worn-Out Water Mains Renewal Fund	3,91,800 0 0	3,20,312 0 0	387 13 8	3,20,699 13 8	
					6,52,254 1 10
Trust Fund—					
Amount held in Surplus Revenue Fund, (*vide* Remark in App. No. 5)	.....	.....	.....	.. ..	54,887 10 8
Total Rs. ...					27,43,47,051 7 1

(a) As per Appendix No. 9.

A. R. DALAL,
Municipal Commissioner

Appendix No. 8.

SUMMARY.

	Capital Expenditure upto 31st March 1928.	Expended during the year.	Total Capital Expenditure upto 31st March 1929.
(1) Loan Funds.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Loan Works.			
I.—General Supervision, Collection of Revenue, &c.	30,41,817 2 6	53,291 0 0	30,95,108 2 6
II.—Water Works—Ordinary	4,43,07,454 7 2	1,18,772 13 4	4,44,26,227 4 6
Tansa Triplication ..	5,00,11,024 7 2	2,61,258 1 10	5,02,72,282 9 0
III.—Education—Primary	19,54,615 4 9	30,289 1 0	19,84,904 5 9
V.—Public Health Department	14,29,573 10 6	5,583 1 6	14,35,156 12 0
VI.—Hospitals and Medical Relief ..	55,85,581 4 6	7,28,171 11 8	63,13,753 0 2
VII.—Street Cleansing and Conservancy, &c.	45,07,835 12 10	7,667 1 7	45,15,502 14 5
VIII.—Roads and Overbridges	2,53,68,735 8 1	11,83,966 12 9	2,65,52,702 4 10
X.—Drainage and Sewerage, &c., Ordinary	3,24,89,785 12 11	4,31,054 13 3	3,29,20,840 10 2
Main Drainage Scheme	1,95,536 15 2	1,53,903 15 2	3,49,440 14 4
XI.—Fire Brigade	10,37,445 5 7	18,895 0 4	10,56,340 5 11
XII.—Building Regulations and other measures for Public safety ..	17,292 2 5	.....	17,292 2 5
XIII.—Gardens and Open Spaces	36,50,927 12 3	28,862 6 6	36,79,790 2 9
XIV. Markets and Slaughter Houses ..	75,82,642 0 2	11,575 2 11	75,94,217 3 1
(1) Loan Funds—Total Rs..	18,11,80,267 10 0	30,33,291 1 10	18,42,13,558 11 10
(2) Development Fund.			
Development Works.			
Mahim Development Schemes	68,50,641 8 11	4,06,786 0 5	72,57,427 9 4
Other Schemes	2,55,73,469 12 3	7,34,611 15 9	2,63,08,081 12 0
Interest on Capital	57,75,140 0 2	12,14,637 10 0	69,89,777 10 2
Replacement of Assets affecting Grant Road Terminal Scheme	4,37,598 6 3	5,366 10 0	4,42,965 0 3
(2) Development Fund—Total Rs.	3,86,36,849 11 7	23,61,402 4 2	4,09,98,251 15 9
(3) Trust Fund.			
Works executed	33,15,705 8 9	32,380 14 0	33,48,086 6 9
(4) Worn-out Water Mains Renewal Fund.			
Works executed	5,55,498 5 4	9,869 13 2	5,65,368 2 6
(5) Land and Buildings Fund.			
Lands purchased and buildings erected ..	43,01,669 0 10	*Cr.* 6,340 0 0	42,95,329 0 10
(6) Works executed out of Surplus Cash Balance pending raising of a Loan	....	90,400 0 0	90,400 0 0
Grand Total Rs. ..	22,79,89,990 4 6	55,21,004 1 2	23,35,10,994 5 8

Appendix No. 8.

Block Account showing details of Capital Expenditure upto 31st March 1929.

—	Capital Expenditure upto 31st March 1928.	Expended during the year.	Total Capital Expenditure upto 31st March 1929.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
I.—GENERAL SUPERVISION, COLLECTION OF REVENUE, ETC.			
MUNICIPAL OFFICE BUILDINGS—			
Municipal Office Buildings	†14,67,386 11 3	....	14,67,386 11 3
Extension of the Municipal Office on the present site	1,30,529 12 6	..	1,30,529 12 6
Extending Municipal Office on the new site of Cruickshank Road	9,763 0 0	....	9,763 0 0
	16,07,679 7 9	....	16,07,679 7 9
WORKSHOPS—			
Works completed (*vide* page 89 of Report for 1926-27)	9,01,456 5 1	....	9,01,456 5 1
OTHER STRUCTURES—			
Works completed (*vide* page 93 of Report for 1925-26)	3,78,375 0 3	....	3,78,375 0 3
Works in progress—			
Construction of new ward offices at Babula Tank for the Assessment and Health Department	48 6 0	....	48 6 0
Acquisition of land and construction of a bungalow for the Municipal Commissioner at Peddar Road	1,44,219 3 11	53,291 0 0	1,97,510 3 11
Acquisition of land and quarters for Municipal servants at Mingalwadi, Mazgaon	10,038 11 6	....	10,038 11 6
	1,54,306 5 5	53,291 0 0	2,07,597 5 5
	5,32,681 5 8	53,291 0 0	5,85,972 5 8
I.—General Supervision, &c. Total Rs.	30,41,817 2 6	53,291 0 0	30,95,108 2 6
II.—WATER WORKS—ORDINARY.			
Works completed (*vide* page 56 of Report for 1927-28)	*4,15,18,417 11 7	....	4,15,18,417 11 7
Laying 12″ main in Dadar Road and Portuguese Church Road East of Cadell Road	31,593 12 2	....	31,593 12 2
Laying Additional Service main in Clare Road	10,249 6 11	....	10,249 6 11
	4,15,60,260 14 8	....	4,15,60,260 14 8
Works completed during the year—			
Laying water mains in new Roads to be constructed by Worli Development	1,70,762 5 1	....	1,70,762 5 1
Laying 9″ water mains in either footpath of Kingsway (Vincent Road between Elphinstone Road and Mahim Chord Railway)	85,487 1 8	....	85,487 1 8
Providing mains in Port Trust Estate, Mazgaon Coal Bunder	13,303 11 10	....	13,303 11 10
Providing mains in Estate area to the East of Grain Depot	65,935 13 5	....	65,935 13 5
Replacing 10″ main in Mori Road by 12″ main	11,040 4 8	....	11,040 4 8
Laying 12″ water main in the East footpath at Parel Road from Kalachowky Road to Byculla Bridge	57,368 14 5	....	57,368 14 5
II.—Water Works, Ordinary, Carried over Rs.	4,19,64,159 1 9	....	4,19,64,159 1 9

† Inclusive of Rs. 7,34,326-8-3 paid out of the Invested Fund.

* Inclusive of Rs. 2,40,000 paid out of the premia received on the Loan in respect of Tansa Water Works including cost of survey and Rs. 3,74,000 paid from the contributions received from the G. I. P. Railway Company in respect of the work of removing and relaying the 32″ Vehar Main, south of Kurla.

Appendix No. 8—*continued.*

—	Capital Expenditure upto 31st March 1928.	Expended during the year.	Total Capital Expenditure upto 31st March 1929.
II—WATER WORKS—ORDINARY—*contd.*	Rs. a. p.	Rs. a. p.	Rs. a. p.
Works Completed during the year—*contd.*			
Brought over Rs.	4,19,64,159 1 9	....	4,19,64,159 1 9
Providing 6″ water mains in Hasali Tank Lane, branching from Lady Jamsetji Road crossing Ash Lane and meeting Cadell Road	16,574 7 11	....	16,574 7 11
	4,19,80,733 9 8	....	4,19,80,733 9 8
Works in progress—			
Laying 9″×5″ mains on the estate of the City Improvement Trust between King's Way and the G. I. P. Railway Dadar Station	2,85,246 15 3	3,271 8 9	2,88,518 8 0
Constructing a mechanical filtration plant at Tulsi Lake for purifying Tulsi water and the work of conversion of obsolete filters at Malabar Hill into Reservoir Storage	4,21,117 13 8	10,500 0 0	4,31,617 13 8
Installation of filters at Powai for purifying water..	5,31,417 3 8	*Cr.* 841 11 8	5,30,575 8 0
Protection of catchment area, Vehar Lake	4,26,794 13 10	*Cr.* 1,094 9 2	4,25,700 4 8
Providing mains and hydrants in the Streets where there are none existing..	2,68,778 12 5	12,540 15 7	2,81,319 12 0
Laying 24″ outlet main from Bhandarwada Reservoir to Jail Road, East ..	48,865 12 11	20,215 8 5	69,081 5 4
Laying main in Nowroji Hill Estate of C. I. Trust	22,830 6 9	1,088 5 3	23,918 12 0
Laying water mains in the proposed lay out between Dadar Overbridge and Dadar Road, west of Tulsi Pipe Line.	16,491 8 2	9,889 7 1	26,380 15 3
Laying 6″ main in the area of the City Improvement Trust Scheme 57, Sewri Wadala	15,625 0 3	26,962 6 7	42,587 6 10
Laying down 15″ main along Chakla Street	48,502 8 3	2,104 11 9	50,607 4 0
Chlorinating Tansa Water Supply ..	78,818 7 9	1,286 4 0	80,104 11 9
Installation of Chlorinating plant for sterilizing the water from Vehar and Tulsi Lakes	6,960 0 0	....	6,960 0 0
Replacing 4″ main by 6″ main in the remaining portion of Lady Jamshedji Road for 2,000′ from Dadar Road Junction to Northwards	13,001 11 7	4,091 2 4	17,092 13 11
Replacing 12″ main in new Parbhadevi Road between New Foras Road and Junction of Cadell Road and Old Parbhadevi Road by 15″ main ..	30,727 5 3	1,807 12 1	32,535 1 4
Conversion of 18″ Old Tansa main into an outlet from Bhandarwada Reservoir	....	851 13 9	851 13 9
Laying 24″ main in Haines Road between Tulsi Pipe Road and Fergusson Road	68,314 4 0	*Cr.* 366 14 0	67,947 6 0
Providing 6″ water main in either footpath of Arthur Road between Jacob Circle and DeLisle Road	11,694 2 11	3,306 0 0	15,000 2 11
Providing 6″ water main in either footpath along Sydenham Road between Sandhurst Road and Musjid Bunder Road	15,900 0 0	16 14 10	15,916 14 10
Laying 6″ main in Sorab Mill Cross Lane in the public passage joining with the Tulsi Pipe	2,000 0 0	2,770 11 6	4,770 11 6
Carried over .. Rs.	23,13,086 1 8	98,400 7 1	24,11,487 5 9
II.—Water Works, Ordinary, Carried over Rs	4,19,80,733 9 8	....	4,19,80,733 9 8

Appendix No. 8—*continued.*

—	Capital Expenditure upto 31st March 1928.	Expended during the year.	Total Capital Expenditure upto 31st March 1929.
II—Water Works, Ordinary. Brought over Rs. ..	Rs. a. p.: 4,19,80,733 9 8	Rs. a. p.	Rs. a. p. 4,19,80,733 9 8
Works in Progress—*contd.* Brought over Rs.	23,13,086 14 8	98,400 7 1	24,11,487 5 9
Conversion gradually of an adequate number of underground hydrants out of the existing 4,849 underground hydrants into standpost hydrants to prevent pollution of water supply of the City	6,449 7 1	2,996 4 2	9,445 11 3
Providing 6″ water main in the west footpath of Upper Duncan Road	7,184 7 9	4,451 9 4	11,636 1 1
Laying 6″ water main in west footpath of Parel Chawl Road (between Kalachowki Road and Love Lane).. ..	....	4,998 13 8	4,998 13 8
Laying 6″ water main in north and south footpath of Love Lane (from Victoria Gardens to Mount Road) ..	....	7,925 11 1	7,925 11 1
	23,26,720 13 6	1,18,772 13 4	24,45,493 10 10
II.—Water Works, Ordinary Total Rs. ..	4,43,07,454 7 2	1,18,772 13 4	4,44,26,227 4 6
I —Water Works—			
Tansa Triplication :—			
Widening the Track along Tansa Pipe line between Pogaon and Pokran ..	7,31,751 9 8	....	7,31,751 9 8
Preliminary fees and expenses ..	44,642 5 4	*Cr.* 63 8 0	44,578 13 4
Cost of making survey of the country through which the new aqueduct could be constructed	20,744 2 7	....	20,744 2 7
Section I.—Forming pipe track from Tansa to Bandra, supplying and laying trolley lines, erecting sluice house, Inspector's houses, temporary engine house and semi-permanent buildings and accommodation roads, etc. ..	94,07,741 6 11	3,566 0 3	94,11,307 7 2
Section IA.—Tansa-Atgaon metalled road	3,68,319 11 7	....	3,68,319 11 7
Section IB.—Raising Tansa Dam ..	8,47,754 11 6	....	8,47,754 11 6
Section IC.—Acquisition of land for embankments for new pipe tracks and trolley lines	2,83,426 3 1	43,134 13 6	3,26,561 0 7
Section ID.—Altering outlet well and constructing head works and control room at Tansa	5,68,375 15 10	.....	5,68,375 15 10
Section II.—Supplying and laying about 42 miles steel pipes from Tansa to Pogaon	2,46,78,416 15 5	7,965 6 2	2,46,86,382 5 7
Section III.—Supplying and laying about 63 miles steel pipes, &c., from Pogaon to Bombay	72,18,446 8 6	1,52,963 5 11	73,71,409 9 5
Section IV.—Supplying sluice valves and other apparatus	4,58,199 15 6	....	4,58,199 15 6
Section V.—Supplying two 57″ venturi meters	1,33,604 11 10	....	1,33,604 11 10
Section VIA.—Constructing bridges at Kasheli	44,00,482 13 10	....	44,00,482 13 10
Section VII.—Constructing new bridge & approaches at Bandra for carrying two 57″ mains over the Bandra Creek	93,999 1 11	.....	93,999 1 11
Section VIII.—Supplying and erecting a temporary pumping plant at Kasheli	4,45,606 1 5	....	4,45,606 1 5
Section VIIIA.—Supplying and erecting permanent pumping plant.	357 8 0	.....	357 8 0
Section IX.—Cast Iron Pipes and special castings	1,50,785 8 0	....	1,50,785 8 0
Tansa Triplication—Carried over Rs. ..	4,98,52,655 1 11	2,07,566 1 10	5,00,60 221 3 9
II—Water Works—Carried over Rs. ..	4,43,07,454 7 2	1,18,772 13 4	4,44,26,227 4 6

Appendix No. 8—*continued.*

—	Capital Expenditure upto 31st March 1928.	Expended during the year.	Total Capital Expenditure upto 31st March 1929.
	Rs. a. p.	Rs. a. p	Rs. a. p.
II—Water Works—*contd.* Brought over Rs.	4,43,07,454 7 2	1,18,772 13 4	4,44,26,227 4 6
Tansa Triplication—*contd.* Brought over .. Rs.	4,98,52,655 1 11	2,07,566 1 10	5,00,60,221 3 9
Section IXA.—Supplying and laying pipes, &c., required for remodelling the distribution system in Bombay including Petemetor Survey, &c. ..	86,739 5 3	....	86,739 5 3
Proportionate cost of acquiring land in Mahim Development Scheme IV for laying the new 57" Tansa Main ..	71,630 0 0	.. .	71,630 0 0
Proportionate cost of laying a protected reinforced concrete formation over the Tansa Water Trench at Mahim ..	....	53,692 0 0	53,692 0 0
Tansa Triplication—Total Rs. ..	5,00,11,024 7 2	2,61,258 1 10	5,02,72,282 9 0
II.—Water Works—Total Rs. ..	9,43,18,478 14 4	3,80,030 15 2	9,46,98,509 13 6
III.—EDUCATION.			
School Buildings—			
Construction of Buildings for Primary Schools in the City (10 Lakhs Programme)—			
Preliminary Expenses	4,744 12 10	....	4,744 12 10
Kumbharwada School	1,02,667 8 10	....	1,02,667 8 10
Old Nagpada and Memonwada Schools	31,227 7 11	....	31,227 7 11
Mazagaon Road School	37,532 5 7	....	37,532 5 7
Moreland Road School	1,01,733 1 11	....	1,01,733 1 11
Ardeshir Dady Street School	1,21,677 9 9	....	1,21,677 9 9
Dongri Street School and Mandvi Koliwada School	3,82,356 12 4	....	3,82,356 12 4
Mustan Tank School	1,61,785 9 2	....	1,61,785 9 2
School at Babula Tank	4,60,022 12 0	94 0 0	4,60,116 12 0
	*14,03,748 0 4	94 0 0	14,03,842 0 4
Sopari Baug Road School	6,851 11 6	....	6,851 11 6
School at Valpakhady	1,00,714 13 1	....	1,00,714 13 1
Construction of a Primary School at DeLisle Road	2,49,340 7 6	....	2,49,340 7 6
Gilder Tank School	1,93,879 2 4	....	1,93,879 2 4
Construction of additional School Buildings in the City to be let to the Schools Committee	81 2 0	30,195 1 0	30,276 3 0
	5,50,867 4 5	30,195 1 0	5,81,062 5 5
III.—Education—Total Rs. ..	19,54,615 4 9	30,289 1 0	19,84,904 5 9
V.—PUBLIC HEALTH.—			
Works completed (*vide* page 59 of the Report for 1927-28)	11,50,173 6 5	....	11,50,173 6 5
Works completed during the year—			
Acquisition of land and filling in &c., at Beni Israel Cemetery at Haines Road.	2,51,908 8 9	....	2,51,908 8 9
	14,02,081 15 2	....	14,02,081 15 2
Works in progress—			
Acquisition of land for Hindu Cemetery at Vadala	22,039 14 7	4,805 14 4	26,845 12 11
Construction of a compound wall on south side of Haines Road Hindu Cemetery	5,451 12 9	777 3 2	6,228 15 11
	27,491 11 4	5,583 1 6	33,074 12 10
V—Public Health—Total Rs..	14,29,573 10 6	5,583 1 6	14,35,156 12 0

* Inclusive of Government share of contribution of Rs. 5 lakhs

Appendix No. 8—*continued.*

—	Capital Expenditure upto 31st March 1928.	Expended during the year.	Total Capital Expenditure upto 31st March 1929.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
VI.—HOSPITALS AND MEDICAL RELIEF—			
Works completed (*vide* page 59 of the Report for 1927-28)	*8,25,091 13 8	....	*8,25,091 13 8
Acquisition of Mr. Wadia's land at DeLisle Road for the extension of the Arthur Road Hospital	1,05,266 14 4	194 0 0	1,05,460 14 4
Nowrosji Wadia Maternity Hospital at Parel (Municipal share) ..	4,73,342 10 9	26,043 1 11	4,99,385 12 8
	14,03,701 6 9	26,237 1 11	14,29,938 8 8
Works completed during the year—			
Constructing an up-to-date vegetarian kitchen with a store room and quarters for cooks &c., at Arthur Road Hospital	59 2 0	....	59 2 0
	14,03,760 8 9	26,237 1 11	14,29,997 10 8
Works in progress—			
Construction of King Edward VII Memorial Hospital (Municipal share of cost)	30,82,367 4 5	21,268 3 6	31,03,635 7 11
Laying out additional roads with drainage in the Arthur Road Hospital ..	31,725 9 4	4,860 7 7	36,586 0 1
Seth Gordhandas Sunderdas Charities Trust Medical College (Municipal share)	5,32,035 3 0	4,039 7 8	5,36,074 10 8
Furniture and Fittings, &c., for the King Edward Memorial Hospital and Gordhandas Sunderdas Medical College	3,36,857 3 3	*Cr.* 1,157 3 9	3,35,699 15 6
Construction of a ward for cholera and plague cases at Arthur Road Hospital	6,484 2 0	2,895 9 8	9,379 11 8
Surgical instruments and apparatus for K. E. M. Hospital and G. S. M. College	1,92,300 6 1	15,776 3 11	2,08,076 10 0
Constructing linen rooms with shelves and bed pan rooms for European wards, new section at A. R. Hospital..	50 15 8	8,114 13 2	8,165 12 10
Acquisition of land for the construction of Professors' quarters at G. S. M. College and a recreation ground ..	....	1,75,981 0 0	1,75,981 0 0
Construction of quarters for Nurses at Arthur Road Hospital	....	8,203 12 9	8,203 12 9
Levelling the site of the play ground for G. S. M. College..	....	2,674 15 0	2,674 15 0
Municipal contribution towards the construction of Bai Jerbai Wadia Hospital for children	.....	4,59,277 4 3	4,59,277 4 3
	41,81,820 11 9	7,01,934 9 9	48,83,755 5 6
VI—Hospitals and Medical Relief Total Rs.	55,85,581 4 6	7,38,171 11 8	63,13,753 0 2
VII.—STREET CLEANSING AND SANITATION—			
Works completed (*vide* page 60 of the Report for 1927-28)	25,09,928 7 4	....	25,09,928 7 4
Disposal of town sweeping at Deonar ..	7,82,762 8 0	*Cr.* 2,242 8 11	7,80,519 15 1
Renewal of 13 kutchra wagons and 1 Brake van	59,920 0 0	*Cr.* 8,897 0 0	51,023 0 0
Construction of 57 additional wagons for removal of refuse and silt	3,23,713 8 0	*Cr.* 20,643 3 0	3,03,070 5 0
VII—Street Cleansing, &c., carried over Rs.	36,76,324 7 4	*Cr.* 31,782 11 11	36,44,541 11 5

* Exclusive of Rs. 30,000 expended out of the donation from Sir Ibrahim Rahimtoola, Kt., for combined School and Dispensary at Sandhurst Road.

Appendix No. 8—*continued.*

—	Capital Expenditure upto 31st March 1928.	Expended during the year.	Total Capital Expenditure upto 31st March 1929.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
VII.—Street Cleansing, &c., Brought forward Rs.	36,76,324 7 4	Cr. 31,782 11 11	36,44,541 11 5
Works completed during the year—			
Construction of Lightning Crushers at Carnac Road (part)	2,95,576 15 10	....	2,95,576 15 10
Construction of chawls and stables at Agripada	3,43,092 3 11	....	3,43,092 3 11
Construction of chawls at Deonar ..	17,070 4 4	....	17,070 4 4
	6,55,739 8 1	....	6,55,739 8 1
	43,32,063 15 5	*Cr.* 31,782 11 11	43,00,281 3 6
Works in progress—			
Construction of tables and offices at Annesley Road	1,75,771 13 5	14,103 9 3	1,89,875 6 8
Construction of chawls at Annesley Road	....	9,830 0 10	9,830 0 10
Construction of a chawl at Deonar ..	....	80 5 2	80 5 2
Additional office accommodation for Health Deptt. stables at Dadar ..	....	15,435 14 3	15,435 14 3
	1,75,771 13 5	39,449 13 6	2,15,221 10 11
VII.—Street Cleansing &c.,—Total Rs. ..	45,07,835 12 10	7,667 1 7	45,15,502 14 5
VIII—ROADS AND OVERBRIDGES—			
Works completed (*vide* page 60 of the Report for 1927-28)	28,76,564 14 8	....	28,76,564 14 8
Works in progress—			
Overbridge at Delisle Road	14,68,981 0 10	259 5 7	14,69,240 6 5
Dadar Overbridge	5,57,447 7 11	*Cr.* 42,801 15 3	5,14,645 8 8
	20,26,428 8 9	*Cr.* 42,542 9 8	19,83,885 15 1
Overbridges—Total ..	49,02,993 7 5	*Cr.* 42,542 9 8	48,60,450 13 9
CONSTRUCTION OF ROADS—			
Works completed (*vide* page 60 of the Report for 1927-28)	64,58,852 5 10	.....	*64,58 852 5 10
Widening and reconstructing Mahim Bazar Road	3,70,478 2 3	*Cr.* 750 0 0	3,69,728 2 3
	68,29,330 8 1	*Cr.* 750 0 0	68,28,580 8 1
Works completed during the year—			
Construction of a new straight road from the junction of old Parbhadevi Road and the proposed Foras Road to join the widened Mahim Bazar Road ..	2,90,174 15 2	....	2,90,174 15 2
Diversion of Love Grove Pumping Station Road for staff quarters	4,26,451 7 8	....	4,26,451 7 8
	75,45,956 14 11	*Cr.* 750 0 0	75,45,206 14 11
Works in progress—			
Construction of Dadar Kumbharwada Road	6,95,046 14 5	*Cr.* 11,268 6 4	6,83,778 8 1
Construction of Roads—Carried over Rs.	6,95,046 14 5	*Cr.* 11,268 6 4	6,83,778 8 1
Construction of Roads—Carried over Rs. ..	75,45,956 14 11	*Cr.* 750 0 0	75,45,206 14 11
VIII.—Roads and Overbridges—Carried over Rs. ..	49,02,993 7 5	*Cr.* 42,542 9 8	48,60,450 13 9

* Inclusive of Rs. 1,56,500 contributed by the Port Trust for Wari-Bunder Road.

Appendix No. 8—*continued.*

—	Capital Expenditure upto 31st March 1928.	Expended during the year.	Total Capital Expenditure upto 31st March 1929.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
VIII—Roads and Overbridges—Brought over Rs.	49,02,993 7 5	*Cr.* 42,542 9 8	48,60,450 13 9
Construction of Roads—Brought over Rs.	75,45 956 14 11	*Cr.* 750 0 0	75,45 206 14 11
Construction of Roads—Brought over Rs.	6,95,046 14 5	*Cr.* 11,268 6 4	6,83,778 8 1
Tulsi Pipe Line Road—			
(*a*) From Haines Road to Dadar ..	....	....	.....
(*b*) From Dadar to Mahim to accommodate new Tansa Pipes	1,06,690 7 5	3,942 7 6	1,10,632 14 11
Remaking Roads in accordance with demands of heavy traffic	36,68,549 12 3	4,96,600 1 0	41,65,149 13 3
Widening Love Lane	3,37,523 1 6	9,819 2 6	3,47,342 4 0
Acquisition of properties for widening Masjid Bunder Road and Samuel Street	88,286 3 10	....	88,286 3 10
Constructing proposed Nardula 50′ Extension Road to the Tulsi Pipe Line Road	30,885 11 0	6,373 10 8	37,259 5 8
Widening Globe Mill passage (Municipal share)	1,20,559 10 3	1,477 8 3	1,22,037 2 6
Acquisition of property near Pydhonie..	60,364 10 11	....	60,364 10 11
New Footpaths	5,51,632 7 9	84,927 12 1	6,36,560 3 10
Widening and Improving Dalal Street ..	22,450 5 6	....	22,450 5 6
Golanji Hill Road	4,08,800 0 0	....	4,08,800 0 0
Tulsi Pipe Line Road from Dadar Road to Dadar Overbridge	58,619 14 8	2,721 12 5	61,341 11 1
Widening further portion of Bandra Causeway..	15,525 2 8	93,926 10 0	1,09,451 12 8
Construction of 80′ Lady Jamshedji Road from Bombay Woollen Mills to Portuguese Church Street	....	66,577 1 7	66,577 1 7
	61,64,934 6 2	7,55,097 11 8	69,20,032 1 10
Construction of Roads—Total Rs. ..	1,37,10,891 5 1	7,54,347 11 8	1,44,65,239 0 9
STREET IMPROVEMENTS—			
Street Improvements in different places	67,35,850 11 7	4,72,161 10 9	72,08,012 6 4
Special Street Improvements	19,000 0 0	....	†19,000 0 0
Street Improvements—Total Rs. ..	67,54,850 11 7	4,72,161 10 9	72,27,012 6 4
VIII.—Roads and Overbridges—Total Rs. ..	2,53,68,735 8 1	11,83,966 12 9	2,65,52,702 4 10
X.—DRAINAGE AND SEWERAGE, &c.—			
Works completed (*vide* pages 61 and 62 of the Report for 1927-28)	2,79,69,961 4 8	....	2,79,69,961 4 8
Quarters for Engine Drivers, etc., including filling in land at Love Grove ..	1,99,958 4 5	1,360 13 1	2,01,319 1 6
Construction ofa S.W. drain in Tulsi Pipe Line Road between New Dadar Overbridge and Dadar Road	65,296 7 7	*Cr.* 2,094 3 6	63,202 4 1
Providing S. W. drain in Clerk Road ..	49,454 9 11	75 10 0	49,530 3 11
	2,82,84,670 10 7	*Cr.* 657 12 5	2,82,84 012 14 2
Works completed during the year—			
Providing a new sewer from Poibowdi northwards along Dadar Road upto the C. I. Trust Scheme No. 5 ..	6,38,912 13 3	.. ..	6,38,912 13 3
Nardulla Tank Cross Road sewers ..	18,482 14 5	....	18,482 14 5
Sewers in Lady Jamshedji Road between Bombay Woollen Mills and Mahim Causeway	79,994 10 4	....	79,994 10 4
Sewer along 100′ avenue from Saitan Chowki northwards and extending to Portuguese Church Street	12,542 10 8	.. ..	12,542 10 8
S. W. drain No. 2 in 50′ Road from near Saitan Chowki to Tulsi Pipe Line.	17,451 1 1	..	17,451 1 1
Carried over Rs. ..	7,67,384 1 9	.....	7,67,384 1 9
X.—Drainage, etc.—Carried over Rs. ..	2,82,84,670 10 7	*Cr.* 657 12 5	2,82,84,012 14 2

† This was paid out of the Road Improvement Fund.

Appendix No. 8—*continued.*

——	Capital Expenditure upto 31st March 1928.	Expended during the year.	Total Capital Expenditure upto 31st March 1929.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
X.—Drainage, etc. Brought forward Rs. ..	2,82,84,670 10 7	*Cr.* 657 12 5	2,82,84,012 14 2
Brought forward ..	7,67,384 1 9	.....	7,67,384 1 9
Works completed during the year—*contd,*			
Constructing double barrelled S.W. drain southward Clerk Road Bridge ..	90,780 7 2	....	90,780 7 2
Constructing a sewer in portion of Cadell Road and Mahim Bazar Cross Road upto the junction of Tulsi Pipe Line Road	1,17,583 11 6	.....	1,17,583 11 6
Constructing sewers in DeLisle Road Extension	36,561 4 7	.....	36,561 4 7
Construction of S. W. drain in DeLisle Road Extension	34,786 7 10	....	34,786 7 10
Construction of S. W. drain in Lady Jamshedji Road	70,861 7 6	.....	70,861 7 6
Construction of a S. W. drain in a portion of Cadell Road including outfall No. 3	81,504 12 2	.....	81,504 12 2
Construction of a S. W. drain in a portion of Cadell Road including outfall No. 4	45,258 7 5	.....	45,258 7 5
Constructing an ovoid sewer from the junction of the Sandhurst Road and Parel Road to Chunam Kiln Road ..	46,837 13 2	.....	46,837 13 2
Installing an Air Compressor Station at Gowalia Tank	30,422 0 0	.....	30,422 0 0
S. W. Drain in Nardulla Tank Cross Road between 50′ Main Road and DeLisle Road Extension A, B, Portion.	26 1 7	....	26 1 7
S. W. Drain in 80′ Lady Jamshedji Road from Bombay Woollen Mills to Portuguese Church Road	37,382 1 11	.....	37,382 1 11
Constructing a covered S. W. Drain in a portion of the proposed Foras Road in place of the existing open drain ..	7,413 10 4	....	7,413 10 4
Construction of latrines and urinals and bathing places at Fergusson Road ..	14,489 14 1	.....	14,489 14 1
Construction of combined latrines and urinals at Sewri Road	9,698 11 11	.....	9,698 11 11
Construction of additional latrines and urinals at A. C. Markets	7,336 6 1	.....	7,336 6 1
Remodelling the old dhappa drains in Huzria Street	16,920 12 10	....	16,920 12 10
Providing a covered S. W. Drain with new type water entrances, manholes, &c., in Kambekar Street between Sandhurst Road and Pydhoni Road..	14,827 14 5	....	14,827 14 5
Construction of a S. W. drain in cross roads between DeLisle RoadExtension and Mahim Park extending it to outfall No. 3	43,059 1 8	.. .	43,059 1 8
Construction of S. W. drains in north roads of Mahim Park from Lady Jamshedji Road to outfall No. 4 ..	34,873 2 6	....	34,873 2 6
Providing new pattern water entrances and C. I. covers over scraper manholes over vertical connections in Carnac Road between the Police Commissioner's Office and the western toe of Carnac Bridge	7,587 7 0	....	7,587 7 0
S. W. drain in New Parbhadevi Road upto outfall No. I.	15,197 6 2	....	15,197 6 2
Proportionate share of removing and relaying the 24″ Tulsi Main	56,642 0 0	....	56,642 0 0
Carried forward Rs. ..	15,87,435 3 7	....	15,87,435 3 7
X.—Drainage, etc.—Carried forward Rs. ..	2,82,84,670 10 7	*Cr.* 657 12 5	2,82,84,012 14 2

Appendix No. 8—*continued.*

	Capital Expenditure upto 31st March 1928.	Expended during the year.	Total Capital Expenditure upto 31st March 1929.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
X.—Drainage, etc. Brought forward Rs. ..	2,82,84,670 10 7	*Cr.* 657 12 5	2,82,84,012 14 2
Brought forward ..	15,87,435 3 7	....	15,87,435 3 7
Works completed during the year—contd.			
Construction of S. W. entrance and making connections with the existing manholes in a portion of Cadell Road opposite Turkey Red Dye Works ..	3,678 1 4	....	3,678 1 4
Constructing pipe sewer at the junction of Lady Jamshedji Road, DeLisle Road extension and proposed Cross Road near the Woollen Mill	3,896 3 2	....	3,896 3 2
Construction of latrines and urinals under the steps of the DeLisle Road Overbridge	5,742 0 0	....	5,742 0 0
	16,00,751 8 1	....	16,00,751 8 1
	2,98,85,422 2 8	*Cr.* 657 12 5	2,98,84,764 6 3
Works in progres—			
Main sewerage and drainage of the City—			
(1) Acquisition of land at Tulsi pipe Line scheme for accommodating underground works ..	....	1,53,115 12 5	1,53,115 12 5
(2) Preliminary expenses	1,95,536 15 2	788 2 9	1,96,325 1 11
	1,95,536 15 2	1,53,903 15 2	3,49,440 14 4
Ordinary—			
Construction of a new outfall at Love Grove	22,73,001 0 0	*Cr.* 7,105 5 0	22,65,895 11 0
Constructing a S. W. drain in DeLisle Road extension and New Parbhadevi Road	32,824 7 6	1,350 0 0	34,174 7 6
Constructing a covered S. W. in Babula Tank Road	19,564 12 7	10,248 8 1	29,813 4 8
Construction of latrines and urinals at Esplanade Maidan	17,707 1 1	6,283 9 2	23,990 10 3
Construction of latrines and urinals at the Junction of Clerk Road and Hornby Vellard	87 1 11	14,125 1 10	14,212 3 9
Sewer in south Road Turkey Red Dye Works	8,868 5 7	108 0 0	8,976 5 7
S. W. drain in Dadar Kumbharwada Extension No. 3	10,760 5 7	2,349 5 10	13,109 11 5
S. W. drains in a portion of Cadell Road and Mahim Bazar Cross Road including Outfall No. 6	21,049 9 11	45,000 0 0	66,049 9 11
Ramp in continuation of road south of Scottish Orphanage play-ground and outfall at Mahim Foreshore	25,974 9 11	*Cr.* 2,087 2 9	23,887 7 2
Construction of sewers in 80′ Lady Jamshedji Road from Woollen Mills to Portuguese Church Street (Road No. 5 Dadar Overbridge Scheme) ...	19,465 12 8	19,427 8 8	38,893 5 4
Constructing pipe sewer Crossing Lady Jamshedji Road at Naska Tank ...	4 0 0	3,932 9 9	3,936 9 9
Constructing pipe sewer Crossing DeLisle Road Extension at Ash Lane ..	4,905 14 1	6,115 10 6	11,021 8 7
Constructing pipe sewer Crossing DeLisle Road, at 60′ road north of Ash Lane	3 14 0	7,925 5 1	7,929 3 1
Constructing storm-water drain in proposed 40″ cross road between 80′ Lady Jamshedji Road and Hasali Tank Lane	2,130 7 6	11 6 9	2,141 14 3
Constructing sewer in proposed 40′ cross road between 80′ Lady Jamshedji Road and Hasali Tank Lane ...	1,601 6 4	....	1,601 6 4
Providing 12″ × 15″ S. W. drains with water entrances in Dockyard Road between Nesbit Road Extension and Reay Road	3,633 13 8	6,737 7 10	10,371 5 6
Carried forward Rs. ...	26,87,119 9 6	2,68,326 0 11	29,05,445 10 5
X.—Drainage, etc.—Carried forward Rs. ..	2,98,85,422 2 8	*Cr.* 657 12 5	2,98,84,764 6 3

Appendix No. 8—*continued.*

—	Capital Expenditure upto 31st March 1928.	Expended during the year.	Total Capital Expenditure upto 31st March 1929.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
X.—Drainage, etc., Brought forward Rs. ..	2,98,85,422 2 8	*Cr.* 657 12 5	2,98,84,764 6 3
Brought forward Rs. ..	26,37,119 9 6	2,68,326 0 11	29,05,445 10 5
Works in progress—			
Construction of covered S W. drains with necessary water entrances and providing manholes over vertical connection and Dhapa Chambers in Kazi Sayed Street	11,978 7 10	7,032 12 1	19,011 3 11
S. W. drain in a portion of Cadell Road including S W. outfall No. 7	5,190 10 5	27,979 2 1	33,169 12 6
S. W. drain in a portion of the new Purbhadevi Road	3,805 6 2	....	3,805 6 2
S. W drain in a portion of Cadell Road to south of Lady Hardinge Road and in a portion of Cadell Road to north of Scottish Orphanage Road including outfall No. 5	17,252 14 5	*Cr.* 1,144 10 5	16,108 4 0
Constructing an Ovoid Sewer from Chunam Kiln Lane to 250′ south of Pydhonie Road and thence to Nagdevi Cross Lane	55,162 3 11	.....	55,162 3 11
Constructing an Ovoid Sewer from 250′ south of Pydhonie Road to Nagdevi Cross Lane	69,391 5 2	36,733 7 10	1,06,124 13 0
Sewer in the proposed road north of Sassoon Dye Works from Cadell Road to the sea	....	5,402 10 5	5,402 10 5
Constructing S. W. drains in inner roads of Mahim Park	....	23,116 13 11	23,116 13 11
S. W. drains in Globe Mill Passage ..	....	24,047 10 10	24,047 10 10
S.W. drain No. IV extension upto DeLisle Road Extension	....	6,643 4 3	6,643 4 3
S. W. drain in Dadar Kumbharwada Extension V upto channel	....	22,033 0 11	22,033 0 11
S. W. drain in Dadar Gully	....	7,378 4 2	7,378 4 2
S. W. drain in proposed 60′ road from Portuguese Church Street, junction of Old Parbhadevi Road to DeLisle Road Extension	....	13,736 0 4	13,736 0 4
S. W. drain in Ash Lane (proposed 40″ road) from DeLisle Road Extension to Cadell Road	....	2 2 0	2 2 0
S. W. drain in proposed 60′ road from Portuguese Church Street to Cadell Road south of Sonapur Lane draining to outfall No. 3..	....	17,425 14 5	17,425 14 5
Extension of Mahim storm water outfall No. I	....	28,877 2 4	28,877 2 4
Construction of latrines and urinals with garden and providing gymnastic apparatus between the two wings of Dadar Overbridge	....	11,770 12 9	11,770 12 9
Construction of an Ovoid sewer from 400′ southwards of Musjid Bunder Road to Janjikar Street	....	31,322 12 4	31,322 12 4
Covering up the water course on DeLisle Road	....	74 1 11	74 1 11
Constructing a covered masonry S. W. drain in lieu of the existing water course passing through the property of Khatri E. H. Arat on DeLisle Road and filling in the existing water course.	....	74 1 11	74 1 11
Providing 12″ pipe S. W. drain with necessary half sized and full sized water entrances and constructing a manhole in place of lamphole etc., between 1st Chinch Bunder Road and Dongri Street	....	8,074 9 10	8,074 9 10
Providing 12″ S. W. pipe drains with necessary water entrances in Jail Road East and manholes over the existing 9″ pipe sewer in the same Road ..	....	12,160 4 11	12,160 4 11
Providing 9″ pipe sewer and 12″ S. W. pipe drain with all necessary appliance in a portion of Chinch Bunder Road.	....	8,580 2 0	8,580 2 0
Providing S. W. drains in Ridge Road and Ltlle Gibbs Road ..	....	25,969 15 1	25,969 15 1
	27,99,900 9 5	5,85,616 8 10	33,85,517 2 3
X——Drainage etc., Total Rs.	3,26,85,322 12 1	5,84,958 12 5	3,32,70,281 8 6

Appendix No. 8—*continued.*

	Capital Expenditure upto 31st March 1928.	Expended during the year.	Total Capital Expenditure upto 31st March 1929.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
XI.—FIRE BRIGADE.			
Works completed (*vide* page 65 of the Report for 1927-28)	9,71,862 8 1	....	9,71,862 8 1
WORKS IN PROGRESS.			
Construction of a Fire Brigade Station on the reclaimed site of the Naigaum Tank.	65,582 13 6	7,295 1 4	72,877 14 10
Construction of additional quarters for Lascars at Naigam Tank Fire Brigade Station	....	11,599 15 0	11,599 15 0
	65,582 13 6	18,895 0 4	84,477 13 10
XI.—Fire Brigade—Total Rs.	10,37,445 5 7	18,895 0 4	10,56,340 5 11
XII.—BUILDING REGULATIONS AND MEASURES FOR SECURING THE PUBLIC SAFETY.			
Works completed (*vide* page 7 of the Report for 1926-27)	17,292 2 5	.....	17,292 2 5
XIII.—GARDENS AND OPEN SPACES.			
Works completed (*vide* page 65 of the Report for 1927-28)	2,29,280 5 1	.....	2,29,280 5 1
Works completed during the year—			
Filling in Hasali Tank	58,662 8 2	.....	58,662 8 2
	2,87,942 13 3	....	2,87,942 13 3
Works in Progress—			
Filling in part of Storm-water Reservoir	33,39,542 9 0	*Cr.* 4,546 11 3	33,34,995 13 9
Filling in low-lying ground in Nardulla Scheme	4,910 2 1	11,119 2 2	16,029 4 3
Laying out and providing a railing round the Willingdon Recreation ground at Ripon Road and Souter Street and construction of quarters for malees and caretakers at Lord Willingdon Memorial Play Ground	18,532 3 11	....	18,532 3 11
Filling in low lying-ground within Dadar Overbridge Scheme	.....	22,289 15 7	22,289 15 7
	33,62,984 15 0	28,862 6 6	33,91,847 5 6
XIII.—Gardens and Open Spaces—Total Rs.	36,50,927 12 3	28,862 6 6	36,79,790 2 9
XIV.—MARKETS AND SLAUGHTER HOUSES.			
Works completed (*vide* page 71 of the Report for 1926-27)	48,98,378 6 10	.....	48,98,378 6 10
Works completed during the year—			
Market at Chowpati including acquisition	4,23,340 12 11	....	4,23,340 12 11
Acquisition of land for cold storage and Market at Palton Road	15,90,434 15 4	.....	15,90,434 15 4
Acquisition of land for a Slaughter House at Deonar	79,199 10 8	800 0 0	79,999 10 8
Purchase of land at Palton Road partly for Housing Municipal employees and partly for extension of Arthur Crawford Markets	9,553 0 0	....	9,553 0 0
	70,00,906 13 9	800 0 0	70,01,706 13 9
Works in progress—			
Construction of a Market at Gilder Tank Site	4,70,735 8 10	....	4,70,735 8 10
Construction of a Market at Dadar ..	1,10,999 9 7	10,775 2 11	1,21,774 12 6
	5,81,735 2 5	10,775 2 11	5,92,510 5 4
XIV.—Markets and Slaughter Houses—Total Rs. ..	75,82,642 0 2	11,575 2 11	75,94,217 3 1

Appendix No. 8—*continued.*

—	Capital Expenditure upto 31st March 1928.	Expended during the year.	Total Capital Expenditure upto 31st March 1929.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
DEVELOPMENT SCHEMES—			
Golanji Hill Road	6,40,401 13 0	1,426 10 1	6,41,828 7 1
Hornby Road to Ballard Pier Road ..	1,76,54,499 14 3	6,27,300 5 6	1,82,81,800 3 9
Dalal Street	3,91,156 8 1	....	3,91,156 8 1
Mahim Park	56,81,561 4 2	26,744 15 4	57,08,306 3 6
Mahaluxmi Overbridge	11,85,177 4 7	79,140 0 10	12,64,317 5 5
Plant and Machinery	20,673 0 2	....	20,673 0 2
	2,55,73,469 12 3	7,34,611 15 9	2,63,08,081 12 0
MAHIM DEVELOPMENT SCHEMES—			
Scheme I.—Construction of a proposed road from Lady Jamshedji Road to Mahim Station	4,20,405 14 4	973 0 3	4,21,378 14 7
Scheme II.—Construction of two proposed roads and a park between Nardulla Tank and Dadar Kumbharwada	7,61,777 0 11	1,043 8 9	7,62,820 9 8
Scheme III.—Extension of the new DeLisle Road northwards to Lady Jamshedji Road	15,22,743 2 4	1,64,284 15 4	16,87,028 1 8
Scheme IV.—Widening and Improving Lady Jamshedji Road	31,61,116 11 1	1,47,726 5 11	33,08,843 1 0
Scheme V.—Road in continuation of Mahim Bazaar Cross Road to Tulsi Pipe Line Road	2,50,382 7 8	41,955 5 6	2,92,337 13 2
Scheme VI.—Proposed Road between Matunga and Dadar Station connecting Lady Jamshedji Road with Tulsi Pipe Line Road (Road marked A B)..	60,351 12 0	2,110 10 8	62,462 6 8
Scheme VII.—Roads to be constructed in the Area south of proposed Road between Matunga and Dadar Station as per Scheme No. V. (Roads marked B D, C D & D E)	3,36,732 11 0	25,611 10 1	3,62,344 5 1
Scheme VIII.—Roads to the south and north of E. D. Sassoon Dye Works ..	2,42,122 2 9	23,080 7 11	2,65,202 10 8
Laying mains in Mahim Development Schemes	91,860 12 0	....	91,860 12 0
Diversion of water mains affected by the Mahim Development Works	3,148 14 10	....	3,148 14 10
	68,50,641 8 11	4,06,786 0 5	72,57,427 9 4
Interest on Capital ..	57,75,140 0 2	12,14,637 10 0	69,89,777 10 2
Works carried out out of Rs. 5,53,764 received from B. B. & C. I. Ry. in connection with replacement of Assets consequent on Grant Road Terminal Scheme—			
Construction of Chawls for bigaries at Arthur Road	1,96,427 6 7	24 0 0	1,96,451 6 7
Relaying water mains affected by Grant Road Terminal Scheme between Bellasis Bridge and Haines Road ..	1,45,976 10 4	*Cr.* 5,328 13 9	1,40,647 12 7
Construction of latrines, chawls, shed, etc., at Mahaluxmi	95,194 5 4	10,671 7 9	1,05,865 13 1
	4,37,598 6 3	5,366 10 0	4,42,965 0 3
Grand Total .. Rs.	3,86,36,849 11 7	23,61,402 4 2	4 09,98,251 15 9

Appendix No. 8—*concluded.*

—	Capital Expenditure upto 31st March 1928.	Expended during the year.	Total Capital Expenditure upto 31st March 1929.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
TRUST FUNDS—			
King Edward Memorial Hospital ..	12,71,748 7 10	....	12,71,748 7 10
Seth Gordhandas Sunderdas Charities Trust—Medical College	10,84,287 13 6	....	10,84,287 13 6
Construction of a new Fire Brigade Station at Frere Road for Dock Area	1,32,318 6 0	....	1,32,318 6 0
Willingdon Memorial Fund—Playground for recreation of the working classes	1,58,039 14 11	.....	1,58,039 14 11
Construction of a Maternity Home at Victoria Road 3rd Cross Lane ..	1,12,563 3 6	....	1,12,563 3 6
Acquisition of Land for a Maternity Home at Chas Mohalla (Imamwada) ..	2,00,977 0 4	....	2,00,977 0 4
Maternity Home at Cadell Road ..	1,27,232 12 10	22,567 10 1	1,49,800 6 11
Maternity Home at Bellasis Road ...	2,28,537 13 10	9,813 3 11	2,38,351 1 9
Trust Funds—Total Rs.	33,15,705 8 9	32,380 14 0	33,48,086 6 9
Worn-out Water Mains Renewal Fund.			
Works executed	2,28,336 5 10	....	2,28,336 5 10
Works completed during the year—			
Replacing 9″ Worli Road mains by 12″ main	56,801 12 2	2,070 0 0	58,871 12 2
Replacing 9″ main in Bellasis Road by 12″ main (between Lamington Road and Parel Road)	39,459 13 9	....	39,459 13 9
	3,24,597 15 9	2,070 0 0	3,26,667 15 9
Works in progress—			
Replacement of mains of larger size in various parts of the City	1,69,854 4 11	1,799 13 2	1,71,454 2 1
Coating 50″ pipes with Bitumistic paint.	61,246 0 8	6,000 0 0	67,246 0 8
	2,30,900 5 7	7,799 13 2	2,38,700 2 9
Worn-out Water Mains Renewal Fund—Total Rs. ..	5,55,498 5 4	9,869 13 2	5,65,368 2 6
LAND AND BUILDINGS FUND—			
Lands purchased and buildings erected out of the Municipal Land and Building Fund—			
Works completed	32,50,622 7 8	....	32,50,622 7 8
Street improvements in different places .	10,43,546 9 2	....	10,43,546 9 2
Resumption of *Sanadi* land at Khoja Street for storing Road Materials ..	7,500 0 0	*Cr.* 7,500 0 0	....
	43,01,669 0 10	*Cr.* 7,500 0 0	42,94,169 0 10
Works completed during the year			
Acquisition of land for public convenience at Worli from C. I. Trust ..	....	1,160 0 0	1,160 0 0
Land and Buildings Fund—Total Rs. ..	43,01,669 0 10	*Cr.* 6,340 0 0	42,95,329 0 10
Works executed out of Surplus Cash Balance pending raising of a Loan—			
Conversion of insanitary basket privies into water-closets by subsidising house owners	....	90,400 0 0	90,400 0 0

M. R. TAMBE,
Chief Accountant.

A. R. DALAL,
Municipal Commissioner.

Appendix

Statement showing (1) *the various Municipal Loans and their Amounts,* (2) *the Expenditure incurred*

Serial No.	Name and Date of Loan.	Amount raised.	Transferred to meet the cost of new works provided out of savings or amounts repaid.	Net Amount available for expenditure.	Expenditure	
					I—General Superintendence, Collection of Revenue.	II—Water Works.
	1	2	3	4	5	6
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1	House Rate, Market, &c., Loan for Miscellaneous works	23,76,155 10 6	—88,844 8 3	22,87,311 2 3	94,234 14 10	....
2	Vehar Water Works Debt	45,21,943 7 9	....	45,21,943 7 9	....	45,21,943 7 9
3	Tulsi Loan	40,00,000 0 0	....	40,00,000 0 0	....	40,00,000 0 0
4	Drainage Loan of 1878	26,94,000 0 0	—24,719 6 0	26,69,280 10 0	....	10,16,830 13 3
5	Surface Drainage Works	6,00,000 0 0	....	6,00,000 0 0	....	....
6	Sanitary Works Loan (44 lakhs) ..	44,00,000 0 0	—79,492 9 2	43,20,507 6 10	....	18,95,947 12 0
7	Tansa Water Works (147 lakhs) ..	1,47,00,000 0 0	—4,496 1 0	1,46,95,503 15 0	....	1,46,95,503 15 0
8	Sanitary Works Loan of 1887-1888	7,00,000 0 0	—95,421 10 8	6,04,578 5 4	....	1,42,241 5 4
9	Sewerage Works and Water Supply Improvement (12 lakhs)	12,00,000 0 0	—2,18,531 7 10	9,81,468 8 2	....	80,031 5 0
10	Markets and other Miscellaneous Works (Rs. 10,08,500)	10,08,500 0 0	—2,57,299 4 8	7,51,200 11 4	....	1 16,214 3 2
11	House Sullage, Water connections Agripada	2,48,000 0 0	—14,466 3 2	2,33,533 12 10	....	....
12	Various Sanitary Works (35 lakhs) .	35,00,000 0 0	—4,14,072 13 8	30,85,927 2 4	....	7,96,731 3 6
13	New Municipal Office Building (8 lakhs)	8,00,000 0 0	—66,939 13 0	7,33,060 3 0	7,33,060 3 0	....
14	Fire Brigade quarters and stations (4½ lakhs)	4,50,000 0 0	—46,679 9 11	4,03,320 6 1	....	....
15	Drainage Water Works, Roads and other works (23¼ lakhs)	23,25,000 0 0	—2,77,249 3 7	20,47,750 12 5	....	1,49,522 5 7
16	Sewerage Wari Bunder, &c., Roads, Burial ground and certain water works (15¾ lakhs)	15,75,000 0 0	—4,32,682 5 11	11,42,317 10 1	....	12,842 13 10
17	Sewerage, water and other sanitary works (25 lakhs)	25,00,000 0 0	—38,621 3 0	24,61,378 13 0	....	2,04,268 6 8
18	Plague charges (20 lakhs) .. .	20,00,000 0 0	....	20,00,000 0 0	....	....
19	Sewerage Roads, and other sanitary works (19¼ lakhs)	19,25,000 0 0	—3,68,269 10 10	15,56,730 5 2	4,946 8 6	....
20	Sewerage and water works (24¾ lakhs)	24,75,000 0 0	—5,03,849 6 6	19,71,150 9 6	....	2,54,554 8 11
21	Certain Water Works (12¾ lakhs) ..	12,75,000 0 0	—1,80,721 10 4	10,94,278 5 8	....	10,94,278 5 8
22	Sewerage works (2nd 24¾ lakhs) ..	24,75,000 0 0	—6,27,692 9 9	18,47,307 6 3	....	....
23	Construction of quarters for Halalkhores and Bigaries (13½ lakhs) ..	13,50,000 0 0	—90,164 1 11	12,59,835 14 1	....	....
24	Street Improvements (15 lakhs) ..	15,00,000 0 0	....	15,00,000 0 0	....	....
25	Acquisition of sites for overbridges (30 lakhs)	30,00,000 0 0	—50,074 15 4	29,49,925 0 8	....	....
26	Miscellaneous Works (55 lakhs) ..	55,00,000 0 0	—5,63,011 15 7	49,36,988 0 5	1,45,136 1 2	3,80,644 7 3
27	Tansa Reduplication (70 lakhs) ..	70,00,000 0 0	—9,308 8 7	69,90,691 7 5	....	69,90,691 7 5
28	Street Improvements (20 lakhs) ..	20,00,000 0 0	....	20,00,000 0 0	....	....
29	Drainage Water Works and Miscellaneous works (43 lakhs) ..	43,00,000 0 0	—6,83,406 3 2	36,16,593 12 10	5,00,048 6 0	1,10,176 14 0
30	Sanitary Works, Drainage and Miscellaneous Works (2nd 30 lakhs)..	30,00,000 0 0	—4,28,013 7 5	25,71,986 8 7	1,63,822 0 0	....
31	Miscellaneous works and water works (40 lakhs)	40,00,000 0 0	—1,56,591 0 1	38,43,408 15 11	....	9,61,135 2 6
32	Miscellaneous Works and Water Works (50 lakhs)	50,00,000 0 0	—15,57,155 0 10	34,42,844 15 2	33,368 3 3	4,00,000 0 0
33	Filling in Storm Water Reservoir (10 lakhs)	10,00,000 0 0	—179 5 4	9,99,820 10 8	....	....
34	Miscellaneous works and water works (including Tansa Triplication works) (1½ crores Loan)	1,50,00,000 0 0	—11,45,414 12 4	1,38,54,585 3 8	....	1,05,10,405 1 3
35	Miscellaneous works (140 lakhs) ..	1,40,00,000 0 0	—26,29,292 8 11	1,13,70,707 7 1	4,71,272 1 7	....
36	Water Works (65 lakhs)	65,00,000 0 0	—1,40,896 7 1	63,59,103 8 11	....	63,33,721 0 9
37	Mahim Development Schemes (Advance of Rs. 31 lakhs from Government.)	31,00,000 0 0	—31,00,000 0 0	....	....	....
	Carried over Rs.	13,39,98,599 2 3	—31,00,000 0 0 —1,11,93,557 15 10	11,97,05,041 2 5	21,45,888 6 4	5,46,67,684 10 10

utilized Balances to meet the cost of New Works, &c., and (4) Invested Balances of the Loans on 31st March 1929.

VIII—Roads and overbridges.	X—Drainage and sewerage including the Halalkhore Branch.	XI—Fire Brigade.	XII—Building Regulations and other measures for securing the public safety.	XIII—Gardens and open spaces.	XIV—Markets and Slaughter Houses.	Development Works.	Conversion of insi tary Basket Priv into water-closets Subsiding Hou Owners.
11	12	13	14	15	16	17	18
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a.
3,67,895 1 11	2,78,635 15 10	....	....	....	15,46,545 1 8	....	....
....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....
....	16,52,449 12 9	....	....	....	....	....	....
....	6,00,000 0 0	....	....	....	....	....	....
1,41,500 1 2	21,98,166 0 8	....	....	....	....	....	....
....	....	....	....	....	....	....	....
....	4,62,337 0 0	....	....	....	....	....	....
....	9,01,437 3 2	....	....	....	....	....	....
89,683 6 8	58,396 14 10	....	....	....	4,86,906 2 8	....	....
....	2,33,533 12 10	....	....	....	....	....	....
14,91,224 2 9	1,02,324 15 5	....	....	....	3,72,835 15 1	....	....
....	....	....	....	....	....	....	....
....	....	403,320 6 1	....	....	....	....	....
1,47,734 9 4	17,44,602 15 5	....	....	....	....	....	....
3,48,745 6 10	5,69,077 1 0	....	....	....	....	....	....
....	11,25,083 14 4	....	....	....	....	....	....
....	....	....	....	....	....	....	....
....	14,53,566 3 4	....	....	....	....	....	....
....	17,16,596 0 7	....	....	....	....	....	....
....	....	....	....	....	....	....	....
....	18,47,307 6 3	....	....	....	....	....	....
....	5,09,376 9 8	....	....	....	....	....	....
15,00,000 0 0	....	....	....	....	....	....	....
29,45,023 15 4	....	....	....	....	....	....	....
1,90,361 4 8	31,67,428 14 4	1,38,694 8 8	17,292 2 5	7,300 0 0	26,842 13 2	....	....
....	....	....	....	....	....	....	....
20,00,000 0 0	....	....	....	....	....	....	....
5,73,072 4 5	20,22,275 1 9	....	....	1,52,949 11 1	58,000 0 0	....	....
1,01,891 6 3	17,15,696 11 0	95,600 0 0	....	....	1,11,482 2 4	....	....
12,49,086 10 1	9,05,440 4 1	....	....	....	....	....	....
7,25,710 6 1	11,06,568 9 2	....	....	....	69,909 15 0	....	....
....	....	....	....	9,99,820 10 8	....	....	....
22,34,712 11 10	3,95,889 6 7	....	....	4,44,511 3 7	1,62,290 12 6	....	....
28,27,968 8 4	22,63,176 6 3	1,74,282 13 8	....	....	25,36,770 9 2	....	....
....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....
,69,34,609 15 8	2,70,29,367 3 3	8,11,897 12 5	17,292 2 5	16,04,581 9 4	53,71,583 7 7	....	....

Appendix

Serial No.	Name and Date of Loan.	Amount raised.	Transferred to meet the cost of new works provided out of savings or amounts repaid.	Net Amount available for expenditure.	Expenditure I—General Superintendence, Collection of Revenue.	Expenditure II—Water Works.
	1	2	3	4	5	6
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
	Brought forward ..	13,39,98,599 2 3	—31,00,000 0 0 —1,11,93,557 15 10	11,97,05,041 2 5	21,45,888 6 4	5,46,67,684 10 10
38	Miscellaneous works and Development works (2½ crores Loan) For ordinary works	43,57,000 0 0	—71,682 13 6	42,85,317 2 6	....	59,818 8 0
	For Development works	2,06,43,000 0 0*	....	2,06,43,000 0 0	....	....
39	Construction of double barrel S. W. Drain at Clerk Road (7¾ lakhs from Turf Club)	5,90,000 0 0	—5,90,000 0 0	....	....	....
40	Improvement of water supply in Bombay (160 lakhs Loan) ..	1,60,00,000 0 0	—2,80,660 0 0	1,57,19,340 0 0	....	1,56,58,522 6 4
41	Water Works, Development works and Miscellaneous works (200 lakhs Loan) For ordinary works..	1,78,00,000 0 0	—4,67,965 7 1	1,73,32,034 8 11	60,000 0 0	1,05,00,000 0 0
	For Development works	22,00,000 0 0	....	22,00,000 0 0	....	....
42	Acquisition of lands for roads, street improvements, &c. (50 lakhs Loan)	39,94,000 0 0†	....	39,94,000 0 0	....	....
43	Miscellaneous works and water works (2nd 150 lakhs)	1,50,00,000 0 0	—24,07,881 7 8	1,25,92,118 8 4	1,00,000 0 0	99,36,109 1 0
44	Road Works, water works and Miscellaneous works including Development works (2nd 25 lakhs Loan) For Ordinary Works ..	21,00,000 0 0	....	21,00,000 0 0	....	20,332 13 1
	For Development Works ..	4,00,000 0 0	....	4,00,000 0 0	....	....
		21,70,82,599 2 3	—36,90,000 0 0 —1,44,21,747 12 1	19,89,70,851 6 2	23,05,888 6 4	9,08,42,467 7 3
45	Works executed out of savings on Loans	Loan Works Establishment	17,869 15 8	1,44,39,617 11 9	1,29,688 14 10	26,07,603 2 8
	Total Rs.	....	....	21,34,10,469 1 11	24,35,577 5 2	9,34,50,070 9 11
46	Works executed out of Advances from surplus Loan Balances ..	....	....	....	7,510 3 11	6,34,439 3 7
	Grand Total Rs. ..	....	....	21,34,10,469 1 11	24,43,087 9 1	9,40,84,509 13 6
47	Development Fund Receipts ..	....	....	1,32,35,496 5 9†	....	....
		....	....	22,66,45,965 7 8	24,43,087 9 1	9,40,84,509 13 6
48	Contribution from Revenue towards Bai Jerbai Wadia Hospital for children	....	....	7,00,000 0 0	....	....
49	Advance from Surplus Cash Balance pending raising of a Loan ..	....	....	90,400 0 0	....	....
		....	....	22,74,36,365 7 8	24,43,087 9 1	9,40,84,509 13 6
50	Works executed out of special Funds and Contributions :—					
	(1) Out of Contributions from—					
	G. I. P. Railway for removing and relaying 32″ Vehar Main South of Kurla				....	3,74,000 0 0
	Port Trust for Wari Bunder Road				....	....
	Government for Construction of Primary School Buildings				....	....
	(2) Out of Premia on Loans				....	2,40,000 0 0
	(3) Out of Special Funds :—					
	Invested Fund				7,34,326 8 3	....
	Nesbit Road Invested Fund				....	....
	Road Improvement Fund				....	....
	Deduct—				31,77,414 1 4	9,46,98,509 13 6
51	Plague Expenditure				....	....
	Amounts written off on account of properties not existing				82,305 14 10	....
					30,95,108 2 6	9,46,98,509 13 6

*Including Rs. 64,69,000 on account of Road works.

† Inclusive of Rs. 9,20,647 met out of interest realizations in Development Fund balances in 1925-26 and 1926-27.

M. R. TAMBE,
Chief Accountant.

VIII—Roads and overbridges.	X—Drainage and sewerage including the Halalkhore Branch.	XI—Fire Brigade.	XII—Building Regulations and other measures for securing the public safety.	XIII—Gardens and open spaces.	XIV—Markets and Slaughter Houses.	Development Works.	Conversion insanitary Bas privies into w closets by subs ing house own
11	12	13	14	15	16	17	18
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a.
69,34,609 15 8	2,70,29,367 3 3	8,11,897 12 5	17,292 2 5	16,04,581 9 4	53,71,583 7 7	....	.....
20,49,400 0 0	3,38,000 0 0	1,00,000 0 0	....	5,30,000 0 0	....	....	.....
....	....	....	....	....	....	2,06,24,182 10 0	.....
....	....	....	....	....	....	....	.....
....	....	....	....	....	....	....	.....
29,11,749 3 0	10,91,139 0 2	....	....	10,00,000 0 0	9,52,475 7 5	....	.....
....	....	....	....	....	....	22,00,000 0 0	.....
....	....	....	....	....	....	39,94,000 0 0	.....
....	4,65,835 3 6	....	....	....	....	....	.....
13,50,000 0 0	....	....	....	....	....	....	.....
....	....	....	....	....	....	4,00,000 0 0	....
32,45,759 2 8	2,89,24,341 6 11	9,11,897 12 5	17,292 2 5	31,34,581 9 4	63,24,058 15 0	2,72,18,182 10 0	.....
19,01,207 8 4	41,16,981 13 5	1,32,842 10 6	....	5,12,128 9 7	11,43,785 1 9	....	.....
51,46,966 11 0	3,30,41,323 4 4	10,44,740 6 11	17,292 2 5	36,46,710 2 11	74,67,844 0 9	2,72,18,182 10 0	.....
11,80,391 1 10	5,21,428 3 2	11,599 15 0	....	33,079 15 10	1,13,024 5 4	5,44,573 0 0	.....
63,27,357 12 10	3,35,62,751 7 6	10,56,340 5 11	17,292 2 5	36,79,790 2 9	75,80,868 6 1	2,77,62,755 10 0	.....
....	....	....	....	....	....	1,32,35,496 5 9	.....
63,27,357 12 10	3,35,62,751 7 6	10,56,340 5 11	17,292 2 5	36,79,790 2 9	75,80,868 6 1	4,09,98,251 15 9	.....
.....	....	....	....	....	....	....	.....
....	....	....	....	....	....	....	90,400 0
63,27,357 12 10	3,35,62,751 7 6	10,56,340 5 11	17,292 2 5	36,79,790 2 9	75,80,868 6 1	4,0,98,251 15 9	90,400 0
....	....	....	....	....	....		
1,56,500 0 0	....	....	....	....	....		
....	....	....	....	....	....		
....	....	....	....	....	53,848 11 11		
....	....	....	....	....	....		
49,844 8 0	....	....	....	....	....		
19,000 0 0	....	....	....	....	....		
65,52,702 4 10	3,35,62,751 7 6	10,56,340 5 11	17,292 2 5	36,79,790 2 9	76,34,717 2 0		
....	....	....	....	....	....		
....	2,92,469 15 0	....	....	....	40,499 14 11		
65,52,702 4 10	3,32,70,281 8 6	10,56,340 5 11	17,292 2 5	36,79,790 2 9	75,94,217 3 1		

g Committee Resolution No. 9434 of 25th November 1925 and Corporation Resolution No. 1035 of 14th December 1925.

Appendix No. 10.

SINKING FUND.

STATEMENT showing the Actual Investments on account of the Sinking Fund of different Loans upto 31st March 1929, compared with the amounts which should have accumulated upto that date on the basis of the Fixed Instalments and the sums set aside as Sinking Fund as at 31st March 1929.

NAME OF LOAN.	Amount raised.	When raised.	When repayable.	Amount of Annual Sinking Fund Instalment.	Date when Sinking Fund commenced.	Amount of Sinking Fund which should have accumulated upto 31st March 1929 at Compound Interest.
1	2	3	4	5	6	7
	Rs.			† Rs		Rs.
6 and 6½ per cent. Municipal Loans (4 per cent. basis).						
40 Lakhs Loan for the construction of Sanitary Buildings, acquisition of Lands for Street Improvements and for executing Drainage and Water Works.	40,00,000	3rd Dec. 1919.	19th December 1949 or any prior date after the 18th December 1929 to be fixed by 6 months' public notice.	71,320	1st December 1920.	7,64,829
50 Lakhs Loan for Sanitary, Drainage, Water, Roads, etc., Works	50,00,000	23rd Nov. 1920	1st November 1950 or at the option of the Corporation on or after 1st November 1935.	89,150	1st November 1921.	8,35,139
1st Instalment of 75 Lakhs out of 1½ Crores Loan for Water Works, Roads and Overbridges, Drainage, Sewerage, etc., Works.	75,00,000	5th Nov. 1921.	1st November 1951 or at the option of the Corporation on or after 1st November 1936.	1,33,725	1st November 1922.	10,73,802
160 Lakhs Loan for the Improvement of Water Supply in Bombay.	1,60,00,000	Between 22nd Sept. 1924 and 31st March 1925 (First issue). Between 18th Nov. 1924 and 31st March 1925 (Second issue).	1st December 1954 ..	2,85,280	1st December 1925.	12,27,584
50 Lakhs Loan for acquisition of lands or roads, &c.	39,94,000	1924-25 .. 1925-26 ..	1st August 1929 ..	3,00,000	.....	11,71,017
					Total Rs. ..	50,72,371
5 per cent. Municipal Loans (3½ per cent. basis).						
44 Lakhs Sanitary Works Loan ..	44,00,000	Between 5th May 1885 and 30th March 1886.	1st July 1925 ..	....	.....	11,500
147 Lakhs Tansa Water Works Loan ..	1,47,00,000	Between 5th June 1886 and 24th Dec. 1891.	(a) Between 1st January 1928 and 1st Jan. 1953.	76,040	1st January 1893 ..	43,53,130
7 Lakhs Sanitary Works Loan ..	7,00,000	1st Feb. 1888.	1st February 1928 ..	.....	....	2,500
12 Lakhs Drainage and Water Works Loan.	12,00,000	1st Jan. and 1st July 1888.	1st January 1928 ..	.....	....	2,500
Rs. 10,08,500 Miscellaneous Works Loan.	10,08,500	Between 1st Nov. 1888 and 1st July 1889.	1st October 1928 ..	11,940	1st October 1889 ..	15,500
Rs. 2,48,000 Agripada House Sullage Water Connections Loan.	2,48,000	Between 1st Jan. and 1st July 1890.	1st July 1929 ..	419	1st January 1891 ..	2,45,849
35 Lakhs various Sanitary Works Loan	35,00,000	Between 25th Sept. 1890 and 1st Jan. 1892.	1st July 1930 ..	38,815	1st July 1891 ..	32,76,661
8 Lakhs Municipal Office Building Loan	8,00,000	24th Dec. 1891.	1st July 1931 ..	9,171	1st July 1892 ..	7,13,966
10 Lakhs Loan for the Conversion of S. W. Reservoir at Clerk Road into a Public Park.	(A) 10,00,000	2nd July 1920.	1st July 1980 ..	5,089	1st July 1921 ..	47,272
25 Lakhs Loan for the construction of roads miscellaneous works including Development Works.	25,00,000	1st Jan. 1928...	1st January 1958 ..	48,428	1st January 1929 ..	48,852
					Total Rs. ..	87,17,230
					Carried forward Rs. ..	1,37,89,601

(A)—This amount has been raised from the Western India Turf Club and the debentures issued to Western India Turf Club, Ltd, are to be repurchased by the Municipal Corporation after 20 years from 1st July 1920, the date on which the loan was raised for investment against the Sinking Funds on the Municipal Loans.

(a) Rs.	Repayable on
2,00,000	1-1-1928.
52,91,500	1-1-1933.
22,08,500	1-1-1943.
17,00,000	1-1-1946.
10,00,000	1-1-1948.
43,00,000	1-1-1953.
Rs. 1,47,00,000	
Less—Repaid on 2,00,000	1st January 1928.
Rs. 1,45,00,000	

† All the Sinking Fund Instalments were re-arranged during 1906-07 on a 3½ per cent. basis as per Corporation Resolution No. 4946 of 9th February 1905 and were further re-arranged from 1st April 1928 as per Corporation Resolution No. 6114 of 12th September 1927.

Appendix No. 10—*contd.*

Name of Loan.	Amount raised.	When raised.	When repayable.	Amount of Annual Sinking Fund Instalment.	Date when Sinking Fund commenced.	Amount of Sinking Fund which should have accumulated up to 31st March 1929 at Compound Interest.
1	2	3	4	5	6	7
	Rs.			Rs.		Rs.
Brought over Rs.	..		....	..	..	1,37,89,601
4 per cent. Municipal Loans (3½ per cent. basis.)						
23¼ Lakhs Loan for Drainage and other works.	23,25,000	12th and 31st January 1894 and 11th and 15th July 1895	1st July 1935	27,532	1st July 1896 ..	17,03,263
15¾ Lakhs Loan for Sewerage, Wari Bunder, etc., Roads, Burial Ground and certain Water Works—						
2nd Instalment	5,75,000 raised at 4 per cent.	17th July 1899	1st July 1936	4,762	1st July 1897 ..	4,14,443
25 Lakhs Loan for Sewerage, Water, etc., Works.	25,00,000	17th and 18th July 1899.	1st November 1939 ..	29,773	1st November 1900.	14,65,010
19¼ Lakhs Loan for Sewerage, Roads and other Sanitary Works.	19,25,000	18th and 19th July 1899 and Sept. 1900.	1st June 1940	22,810	1st June 1901 ..	10,84,069
24¼ Lakhs Loan for certain Sewerage and Water Works.	24,75,000	6 lakhs between 15th June and 1st July 1901. 11 lakhs between 23rd Aug. and 31st Oct. 1901. 4 lakhs between 19th Aug. and 28th Oct. 1902 and 3¼ lakhs on 9th Sept. 1903.	1st June 1943 ..	29,429	1st June 1904 ..	11,71,373
12¾ Lakhs Loan for certain Water Works.	12,75,000	1st Sept. 1904.	1st August 1934 ...	24,010	1st August 1905 ..	9,30,250
30 Lakhs Loan for Buildings, Drainage Works, etc.	30,00,000	1st Nov. 1920.	1st January 1951 ...	58,113	1st January 1922 ..	5,30,622
4½ Lakhs Loan for Fire Brigade Stations and Quarters.	... ...	23rd Dec. 1892, 30th Nov. and 1st Dec. 1893.	... ...	...	... ...	500
42 Lakhs Loan for the repayment of the balance of Government Consolidated Loan.	....	28th and 29th June 1893.	....	...	....	3,000
					Total Rs. ..	73,01,530
					Carried forward Rs. ..	2,10,91,131

Appendix No. 10—*concld.*

Name of Loan.	Amount raised.	When raised.	When repayable.	Amount of Annual Sinking Fund Instalment.	Date when Sinking Fund commenced.	Amount of Sinking Fund which should have accumulated up to 31st March 1929 at Compound Interest.
1	2	3	4	5	6	7
Brought over Rs. ...	Rs.			Rs. ...		Rs. 2,10,91,131
4 per cent. Municipal Loans (3 per cent. basis).						
2nd 24¾ Lakhs Loan for Sewerage Works.	24,75,000	12 lakhs on 3rd Sept. 1905 and 12¾ lakhs on 9th Sept. 1907.	1st August 1946	32,823	1st August 1907 ..	10,22,351
13½ Lakhs Loan for the construction of Quarters for Halalkhores and Biggaries.	13,50,000	7th Aug. 1908.	1st May 1938	28,376	1st May 1909 ..	7,83,440
15 Lakhs Loan for Street Improvements	15,00,000	29th July 1909.	1st May 1949	19,893	1st May 1910 ..	5,13,389
30 Lakhs Loan for the acquisition of sites, for the construction of various Overbridges in the City.	30,00,000	29th July 1909 and 10th Aug. 1910.	1st May 1949	39,787	1st November 1910 and subsequent instalments from 1st May 1911.	10,16,277
55 Lakhs Loan for Miscellaneous Works	55,00,000	7th and 10th Aug. and 1st Nov. 1911 and 1st Aug. 1913.	1st June 1942	1,21,632	1st June 1914 ..	23,18,778
70 Lakhs Loan for reduplication of Tansa Main and other Auxiliary Works.	70,00,000	9th Sept. 1913, 22nd July 1914 and 10th April 1915.	¶	78,148	1st June 1915 ..	13,68,641
20 Lakhs Loan for Street Improvements	20,00,000	9th Sept. 1913 and 24th Sept. 1915.	1st May 1955	26,524	1st May 1916 ..	4,25,636
43 Lakhs Loan for Drainage, Water and Miscellaneous Works.	43,00,000	1st Aug. and 24th Sept. 1915.	1st May 1945	90,382	1st May 1916 ..	14,50,384
					Total Rs. ..	88,98,896
3½ per cent. Municipal Loans (3½ per cent. basis).						
15¾ Lakhs Loan for Sewerage, Wari Bunder, etc., Roads, Burial Ground and certain Water Works (1st Instalment).	10,00,000 raised at 3½ per cent.	1st Dec. 1896...	1st July 1936	11,147	1st July 1897 ...	6,76,847
					Total Rs. ...	6,76,846
					Grand Total Rs.	3,06,66,873

Name of Fund.	Amount actually invested upto 31st March 1929				Amount of Interest accrued upto 31st March 1929, collected and invested in 1929-30.	Total of Columns 5 and 6.
	Amount of Sinking Fund invested upto 31st March 1928.	Sinking Fund Instalments paid in 1928-29.	Interest accumulations invested in 1928-29.	Total.		
1	2	3	4	5	6	7
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Sinking Funds	2,91,23,897 3 0	21,07,880 0 0	12,96,787 2 11	3,25,28,564 5 11	4,20,360 5 10	3,29,48,924 11 9
Deduct—Withdrawn for repayment of Loans and adjustment of the difference between book and market value.	.....	.....	.....	26,16,396 14 0	.....	26,16,396 14 0
	.....	.....	.....	2,99,12,167 7 11	4,20,360 5 10	3,03,32,527 13 9
In Public Securities as detailed in Appendix No. 16-A.	.....	.....	.....	2,99,11,988 6 4	.....	.....
In Cash with the Imperial Bank of India.	.....	.....	.....	179 1 7	.....	.....
Sinking Fund Investments Reserve Fund.	6,50,544 1 0	1,75,168 13 6	29,902 0 0	8,55,614 14 6	.....	8,55,614 14 6
In Public Securities as detailed in Appendix No. 16A.	6,50,480 0 0	2,04,600 0 0		8,55,080 0 0	.....	.....
In Cash with the Imperial Bank of India.	64 1 0	470 13 6		534 14 6	.....	.....
	6,50,544 1 0	2,05,070 13 6		8,55,614 14 6	.....	.....
Total ...	.....	.....	.....	3,07,67,782 6 5	4,20,360 5 10	3,11,88,142 12 3

¶ Rs. 49,40,000 repayable on 1st June 1954.
,, 20,60,000 ,, ,, 1st June 1974.

Rs. 70,00,000

M. R. TAMBE,
Chief Accountant.

A. R. DALAL,
Municipal Commissioner.

Appendix

STATEMENT showing Outstanding Loans due by the Municipality the interest Outstanding on 1st Imperial Bank of India and in office during that year

No.	Particulars of Loans.	Rate of Interest.	Balance due on 1st April 1928.	Amount raised in 1928-29.	Total.	Amount re-paid in 1928-29.
1	2	3	4	5	6	7
	Loans raised from Government.		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1	Vehar Water Works Debt	4 per cent. ..	17,88,260 7 9	....	17,88,260 7 9	A 43,226 5 0
2	The 50 Lakhs Loan for Drainage, Water, Roads and other Works (part of Bombay Development Loan)	6½ per cent. ..	50,00,000 0 0	....	50,00,000 0 0	(a) ....
3	1st Instalment out of the Loan of Rs. 1½ crores for Water Works, Roads, Drainage and Sewerage, &c.	6½ per cent. ..	75,00,000 0 0	....	75,00,000 0 0	(a) ....
4	2nd Instalment out of the Loan of Rs. 1½ crores for Water Works, Roads, Drainage and Sewerage, &c.	6½ per cent. (inclusive of IncomeTax.)	44,80,153 0 0	....	44,80,153 0 0	(b) 76,080 1 0 Cr, 0 6 0
		4¾% do.	22,29,637 0 0	....	22,29,637 0 0	(b) 48,350 4 0 Cr. 0 4 0
5	140 Lakhs Loan for General Supervision, Fire Brigade, &c., purposes	6½% do.	1,05,34,312 0 0	....	1,05,34,312 0 0	(b)1,78,887 12 0 Cr. 0 5 0
		6% do.	22,90,027 0 0	....	22,90,027 0 0	(b) 38,711 9 0
6	65 Lakhs Loan for Tansa Triplication Scheme	Do. ..	59,35,640 0 0	....	59,35,640 0 0	(b) 1,00,338 11 0
7	2½ Crores Loan for Water Works, General Supervision and Development, &c., purposes.	Do. ...	98,86,010 0 0	....	98,86,010 0 0	(b) 1,67,116 6 0
			1,41,74,000 0 0	....	1,41,74,000 0 0	(b) 3,43,087 0 0
8	2 Crores Loan for major Development Works ..	5¼ per cent.	1,19,75,545 8 0	....	1,19,75,545 8 0	(b) 1,95,373 4 0
		Do. ..	22,00,000 0 0	.....	22,00,000 0 0	(b) 50,275 0 0
		5½ per cent.	48,58,149 0 0	....	48,58,149 0 0	(b) 76,828 12 0 Cr. 0 8 0
	150 Lakhs Loan (1925-26)	Do. ..	38,86,521 0 0	....	38,86,521 0 0	(b) 61,462 8 0
		5 per cent...	29,54,846 0 0	....	29,54,846 0 0	(b) 47,411 11 0
		Do. ..	39,39,794 0 0	....	39,39,794 0 0	(b) 63,216 5 0
		Do. ..	20,00,000 0 0	....	20,00,000 0 0	(b) 30,103 0 0
		Do. ..	20,00,000 0 0	....	20,00,000 0 0	(b) 30,103 0 0
	Total Loans raised from Government		9,76,32,894 15 9	....	9,76,32,894 15 9	15,50,570 1 0
	Loans raised from the Public.					
1	The Sanitary Works Loan of 1885-86 (Rs. 44 Lakhs)	5 per cent. ..	25,000 0 0	....	25,000 0 0	13,500 0 0
2	The Sanitary Works Loan of 1888 (Rs. 7 Lakhs)	5 per cent. ..	34,000 0 0	....	34,000 0 0	32,000 0 0
3	The Tansa Water Works Loan (Rs. 147 Lakhs).	5 per cent. ..	1,45,00,000 0 0	....	1,45,00,000 0 0	(a) ....
4	The Drainage and Water Works Loan of 1888 (Rs. 12 Lakhs)	5 per cent. ..	22,000 0 0	....	22,000 0 0	19,500 0 0
5	The Miscellaneous Works Loan of 1888-89 for Drainage and Water Works, Markets and Roads (Rs. 10,08,500)	5 per cent. ..	10,08,500 0 0	....	10,08,500 0 0	9,93,000 0 0
6	The Agripada House Sullage Water Connections Loan (Rs. 2,48,000)	5 per cent. ..	2,48,000 0 0	....	2,48,000 0 0	(a) ....
7	The 35 Lakhs Various Sanitary Works Loan of 1890-91	5 per cent. ..	35,00,000 0 0	....	35,00,000 0 0	(a) ....
8	The Municipal Office Building Loan of 1891 (Rs. 8 Lakhs)	5 per cent. ..	8,00,000 0 0	....	8,00,000 0 0	(a) ....
9	The Loan of 4½ Lakhs for Fire Brigade Quarters and Stations	4 per cent. ..	500 0 0	....	500 0 0	....
10	The Loan of 42 Lakhs for repayment of the Balance of the Government Consolidated Loan	4 per cent. ..	7,500 0 0	....	7,500 0 0	4,500 0 0
11	The Loan of 23¼ Lakhs for Drainage and other Works	4 per cent. ..	23,25,000 0 0	....	23,25,000 0 0	(a) ....
12	The 15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (1st instalment of Rs. 10 lakhs) Do. do. (2nd instalment of Rs. 5¾ Lakhs)	3½ per cent. ..	15,75,000 0 0	....	15,75,000 0 0	(a) ....
		4 per cent. ..				
	Carried over .. Rs.		2,40,45,500 0 0	....	2,40,45,500 0 0	10,62,500 0 0
	Carried over Rs. ..		9,76,32,894 15 9	....	9,76,32,894 15 9	15,50,570 1 0

A.—The loan is payable in monthly instalments of Rs. 9,498 (Principal and Interest) out of Revenue. No Sinking Fund has been created for this loan.

B.—These loans are raised for development purposes. The programme of repayment has been approved under Corporation Resolution No. 5253 of 11th September 1928. Interest for 1928-29 is met out of rent, etc., receipts under Development Fund.

C.—Debentures in respect of these loans have remained unpaid owing to their not having been surrendered for repayment upto 31st March 1929. The debentures do not carry any interest from and after the due dates and will be paid when surrendered for repayment by the holders out of the Sinking Fund Investments.

(a) As under the terms of these loans the bonds cannot be repaid to the holders before the dates stipulated in the debentures, the Sinking Fund has been invested as shown in detail in appendix No. 10.

(b) These loans are repayable out of revenue in annual equal instalments including principal and interest based on the amortisation of the loans within a period of 30 years. No Sinking Fund has been created for these loans

No. 11.

April 1928 on the different Loans, the amount payable for the year 1928-29, the amount paid by the and the balances outstanding on 31st March 1929.

Balance due on 31st March 1929.	Interest outstanding on 1st April 1928.	Interest payable in 1928-29.	Total Interest due.	Deduct Interest paid by the Imperial Bank of India and in office.	Outstanding Balance on 31st March 1929.	Remarks.
8	9	10	11	12	13	14
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
17,45,034 2 9	....	70,749 11 0	70,749 11 0	70,749 11 0	....	
50,00,000 0 0	....	3,55,469 0 0	3,55,469 0 0	3,51,805 3 0	*3,663 13 0	
75,00,000 0 0 44,04,073 5 0 21,81,287 0 0	....	9,25,322 0 0	9,25,322 0 0	9,24,825 2 0	*496 14 0	
1,03,55,424 9 0 22,51,315 7 0	....	8,22,132 0 0	8,22,132 0 0	8,22,132 0 0	....	
58,35,301 5 0	....	3,56,138 5 0	3,56,138 5 0	3,56,138 5 0	.....	
97,18,893 10 0 1,38,30,913 0 0	....	5,93,160 10 0	5,93,160 10 0 †	5,93,160 10 0 †	.....	
1,17,80,172 4 0	....	6,88,593 12 0	6,88,593 12 0	6,88,593 12 0	.....	
21,49,725 0 0	....	....	.... ‡	.... ‡	.....	
47,81,320 12 0	....	2,67,198 12 0	2,67,198 12 0	2,67,198 12 0	.....	
38,25,058 8 0	....	2,13,758 8 0	2,13,758 8 0	2,13,758 8 0	.....	
29,07,434 5 0	....	1,47,742 5 0	1,47,742 5 0	1,47,742 5 0	.....	
38,76,577 11 0	....	1,96,990 0 0	1,96,990 0 0	1,96,989 11 0	*0 5 0	
19,69,897 0 0	....	1,00,000 0 0	1,00,000 0 0	99,726 1 0	*273 15 0	
19,69,897 0 0	....	1,00,000 0 0	1,00,000 0 0	1,00,000 0 0	.....	
9,60,82,324 14 9	....	48,37,254 15 0	48,37,254 15 0	48,32,820 0 0	*4,434 15 0	
C 11,500 0 0	5,075 0 0	....	5,075 0 0	....	5,075 0 0	
C 2,000 0 0	2,762 8 0	....	2,762 8 0	662 8 0	2,100 0 0	
1,45,00,000 0 0	22,762 8 0	7,30,000 0 0	7,52,762 8 0	7,27,300 0 0	25,462 8 0	
C 2,500 0 0	1,250 0 0	....	1,250 0 0	687 8 0	562 8 0	
C 15,500 0 0	2,062 8 0	50,425 0 0	52,487 8 0	50,550 0 0	1,937 8 0	
2,48,000 0 0	212 8 0	12,400 0 0	12,612 8 0	11,625 0 0	987 8 0	
35,00,000 0 0	11,450 0 0	1,75,000 0 0	1,86,450 0 0	1,73,725 0 0	12,725 0 0	
8,00 000 0 0	....	40,000 0 0	40,000 0 0	40,000 0 0	....	
C 500 0 0	390 0 0	....	390 0 0	....	390 0 0	
C 3,000 0 0	1,600 0 0	....	1,600 0 0	129 0 0	1,480 0 0	
23,25,000 0 0	10,870 0 0	93,000 0 0	1,03,870 0 0	92,130 0 0	11,740 0 0	
15,75,000 0 0	365 0 0	35,000 0 0 23,000 0 0	58,365 0 0	58,115 0 0	250 0 0	
2,29,83,000 0 0	58,800 0 0	11,58,825 0	12,17,625 0 0	11,54,915 0 0	62,710 0 0	
9,60,82,324 14 9	....	48,37,254 15 0	48,37,254 15 0	48,32,820 0 0	*4,434 15 0	

* To be treated as savings.

† Interest of Rs. 8,50,440 0 0 at 6 per cent. per annum from 1st April 1928 to 31st March 1929 has been paid out of rent, etc., receipts under Development Fund.

‡ Interest of Rs. 1,26,503 0 0 at 5¼ per cent. per annum from 1st April 1928 to 31st March 1929 has been paid out of rent, etc., receipts under Development Fund.

Appendix

No.	Particulars of Loans.	Rate of Interest.	Balance due on 1st April 1928.	Amount raised in 1928-29.	Total	Amount re-paid in 1928-29.
1	2	3	4	5	6	7
	Brought forward Rs. ..		Rs. a. p. 9,76,32,894 15 9	Rs. a. p.	Rs. a. p. 9,76,32,894 15 9	Rs. a. p. 15,50,570 1 0
	Brought forward Rs. ..		2,40,45,500 0 0	....	2,40,45,500 0 0	10,62,500 0 0
	Loans raised from the Public—*contd.*					
13	25 Lakhs Loan for Sewerage, Water and other Sanitary Works	4 per cent. ..	25,00,000 0 0	....	25,00,000 0 0	(a) ....
14	19¼ Lakhs Loan for Sewerage, Roads and other Sanitary Works	4 per cent. ..	19,25,000 0 0	....	19,25,000 0 0	(a) ....
15	24¾ Lakhs Loan for certain Sewerage and Water Works	4 per cent. ..	24,75,000 0 0	....	24,75,000 0 0	(a) ....
16	12¾ Lakhs Loan for certain Water Works ..	4 per cent. ..	12,75,000 0 0	....	12,75,000 0 0	(a) ....
17	The 2nd 24¾ Lakhs Loan for certain Sewerage Works	4 per cent. ..	24,75,000 0 0	....	24,75,000 0 0	(a) ....
18	13½ Lakhs Loan for the construction of Quarters for Halalkhores and Biggaries ..	4 per cent. ..	13,50,000 0 0	....	13,50,000 0 0	(a) ....
19	The 15 Lakhs Loan for Street Improvements.	4 per cent. ..	15,00,000 0 0	....	15,00,000 0 0	(a) ....
20	The 30 Lakhs Loan for the acquisition of sites for the construction of Overbridges	4 per cent. ..	30,00,000 0 0	....	30,00,000 0 0	(a) ....
21	The 55 Lakhs Loan for Drainage, Sanitary, Water and other Miscellaneous Works ..	4 per cent. ..	55,00,000 0 0	....	55,00,000 0 0	(a) ....
22	The 70 Lakhs Loan for re-duplication of Tansa Main and other Auxiliary Works ..	4 per cent. ..	70,00,000 0 0	....	70,00,000 0 0	(a) ....
23	The 20 Lakhs Loan for Street Improvements.	4 per cent. ..	20,00,000 0 0	....	20,00,000 0 0	(a) ....
24	The 43 Lakhs Loan for Drainage, Water, Roads and Miscellaneous Works	4 per cent. ..	43,00,000 0 0	....	43,00,000 0 0	(a) ....
25	The 40 Lakhs Loan for the construction of Sanitary Buildings, acquisition of Lands for Street Improvements and for executing Drainage and Water Works	6 per cent. ..	40,00,000 0 0	....	40,00,000 0 0	(a) ....
26	The 10 Lakhs Loan for the Conversion of the Stormwater Reservoir at Clerk Road into a Public Park	5 per cent. ..	10,00,000 0 0	....	10,00,000 0 0	(a) ....
27	The 30 Lakhs Loan for the construction of Building and Drainage Works and the acquisition of Land for different purposes ..	4 per cent. ..	30,00,000 0 0	....	30,00,000 0 0	(a) ....
28	50 Lakhs Loan for the acquisition of Land for Roads and Streets and other Improvements	6 per cent. ..	39,94,000 0 0	....	39,94,000 0 0	A ....
29	160 Lakhs Loan for the improvement of the Water Supply in Bombay (First Issue) ..	6 per cent. ..	67,77,000 0 0	....	67,77,000 0 0	(a) ....
30	Do. do. (Second Issue) ..	6 per cent. ..	92,23,000 0 0	....	92,23,000 0 0	(a) ....
31	Rs. 25 Lakhs Loan (1927-28)	5 per cent. ..	25,00,000 0 0	....	25,00,000 0 0	(a) ....
	Total Loans raised from the Public ...	Rs. ..	8,98,39,500 0 0	....	8,98,39,500 0 0	10,62,500 0 0
	GRAND TOTAL ..		18,74,72,394 15 9	....	18,74,72,394 15 9	26,13,070 1 0

(a) As under the terms of these loans the bonds cannot be repaid to the holders before the dates stipulated in the debentures, the Sinking Fund has been invested as shown in detail in Appendix No. 10.

A. These are short dated debentures issued in lieu of cash to meet Land Acquisition Claims in Development Scheme. Interest of Rs. 2,35,455-0-0 at 6 per cent. per annum has bee paid out of rent, &c., receipts under Devlopment Fund from 1st April 1928 to 31st March 1929.

M. R. TAMBE,
Chief Accountant.

No. 11—*continued.*

Balance due on 31st March 1929.	Interest outstanding on 1st April 1928.	Interest payable in 1928-29.	Total Interest due.	Deduct Interest paid by the Imperial Bank of India and in Office.	Outstanding Balance on 31st March 1929.	Remarks.
8	9	10	11	12	13	14
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
9,60,82,324 14 9	....	48,37,254 15 0	48,37,254 15 0	48,32,820 0 0	*4,434 15 0	
2,29,83,000 0 0	58,800 0 0	11,58,825 0 0	12,17,625 0 0	11,54,915 0 0	62,710 0 0	
25,00,000 0 0	920 0 0	1,00,000 0 0	1,00,920 0 0	1,00,190 0 0	730 0 0	
19,25,000 0 0	23,560 0 0	77,000 0 0	1,00,560 0 0	74,930 0 0	25,630 0 0	
24,75,000 0 0	18,690 0 0	99,000 0 0	1,17,690 0 0	96,350 0 0	21,340 0 0	
12,75,000 0 0	3,570 0 0	51,000 0 0	54,570 0 0	49,050 0 0	5,520 0 0	
24,75,000 0 0	2,320 0 0	99,000 0 0	1,01,320 0 0	97,650 0 0	3,670 0 0	
13,50,000 0 0	6,030 0 0	54,000 0 0	60,030 0 0	53,040 0 0	6,990 0 0	
15,00,000 0 0	1,530 0 0	60,000 0 0	61,530 0 0	56,320 0 0	5,210 0 0	
30,00,000 0 0	28,680 0 0	1,20,000 0 0	1,48,680 0 0	1,19,380 0 0	29,300 0 0	
55,00,000 0 0	....	2,20,000 0 0	2,20,000 0 0	2,18,920 0 0	1,080 0 0	
70,00,000 0 0	10,143 1 2	2,80,000 0 0	2,90,143 1 2	2,79,890 0 0	10,253 1 2	
20,00,000 0 0	620 0 0	80,000 0 0	80,620 0 0	79,800 0 0	820 0 0	
43,00,000 0 0	....	1,72,000 0 0	1,72,000 0 0	1,72,000 0 0	....	
40,00,000 0 0	9,015 13 4	2,40,000 0 0	2,49,015 13 4	2,35,830 0 0	13,185 13 4	
10,00,000 0 0	....	50,000 0 0	50,000 0 0	50,000 0 0	....	
30,00,000 0 0	....	1,20,000 0 0	1,20,000 0 0	1,20,000 0 0	....	
39,94,000 0 0	....	....	....	A ...	....	
67,77,000 0 0	12,936 14 5	4,06,620 0 0	4,19,556 14 5	4,03,551 12 6	16,005 0 0	
					*0 1 11	
92,23,000 0 0	13,922 10 2	5,53,380 0 0	5,67,302 10 2	5,50,262 4 10	17,040 5 4	
25,00,000 0 0	....	1,25,000 0 0	1,25,000 0 0	1,25,000 0 0	....	
8,87,77,000 0 0	1,90,738 7 1	40,65,825 0 0	42,56,563 7 1	40,37,079 1 4	2,19,484 3 10	
					*0 1 11	
18,48,59,324 14 9	1,90,738 7 1	89,03,079 15 0	90,93,818 6 1	88,69,899 1 4	2,19,484 3 10	
					*4,435 0 11	

* To be treated as savings.

A. R. DALAL,
Municipal Commissioner.

Appendix
Water Works
Revenue Account for

INCOME.	Amount.
	Rs. a. p.
Water Tax and other Miscellaneous Water Works Revenue—*vide* details in Appendix No. 3	* 64,44,763 8 4
* This includes Rs. 31,23,278-4-0 being the amount of Water Tax by measurement, realised during 1928-29 as shown in the following Statement :—	
Total Rs. ..	64,44,763 8 4

Net Revenue Account

	Rs. a. p.
Surplus Brought down ...	53,11,654 2 7
Carried forward Rs. ..	53,11,654 2 7

STATEMENT showing the quantity of Water by meter supplied under different Sub-heads and the Water Tax by measurement realized at different rates for the uniform quantity of 1,000 gallons, as required by Corporation Resolution No. 65[illegible] of 15th February 1921

PARTICULARS.	1922-23		1923-24.		1924-25.		1925-26.		1926-27.		1927-28.		1928-29.	
	Gallons.	Amount.	Gallons.	Amount.	Gallons.	Amount.	Gallons.	Amount.	Gallons.	Amount.	Gallons.	Amount.	Gallons.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
Hotels	6,87,03,150	@ As. 12 41,720 13 1	6,35,18,250	@ As. 12 47,638 11 0	4,96,69,333	@ As. 12 37,252 0 0	5,49,27,500	@ Re. 1 46,162 5 0	4,66,04,100	@ Re. 1 46,589 10	4,63,57,200	@ Re. 1. 45,950 2 0	4,13,20,350	@ As. 14. 35,574 13 0
Cotton Factories	95,26,66,080	@ As. 12 5,86,355 11 10	93,80,29,315	@ As. 12 7,03,522 3 9	80,23,40,600	@ As. 12 6,00,277 2 6	82,86,32,550	@ Re. 1 7,16,903 2 0	77,27,94,210	@ Re. 1 7,72,347 13	93,07,31,600	@ As. 12 8,28,801 2 0	66,43,85,855	@ As. 10. 4,73,257 2 0
Flour Factories	1,83,80,750	@ As. 12 11,238 2 5	1,97,62,450	@ As. 12 14,821 13 0	2,44,45,250	@ As. 12 18,355 15 0	2,54,01,140	@ Re. 1 22,121 2 0	2,71,31,600	@ Re. 1 27,131 10	2,76,19,900	@ Re. 1 27 619 15 0	2,66,86,600	@ As. 14. 25,028 10 0
Other Factories	39,06,86,319	@ As. 12 2,36,448 10 9	38,34,92,222	@ As. 12 2,87,619 2 8	37,27,93,000	@ As. 12 2,79,370 1 6	70,77,87,630	@ Re. 1 4,54,090 9 0	31,20,06,935	@ Re. 1 3,38,220 0	35,22,76,019	@ Re. 1 3,34,706 7 0	46,97,51,095	At different rates. 3,93,879 5 0
Milch Cattle Stables ...	16,96,22,084	@ As. 8 61,857 6 6	14,56,17,250	@ As. 8 72,808 9 7	17,66,68,000	@ As. 8 88,333 15 0	18,01,62,370	@ As. 8 1,28,635 11 0	19,71,01,750	@ Re. 1 1,96,912 12 0	18,46,44,185	@ As. 12 1,69,052 10 0	19,92,88,080	@ As. 10. 1,39 584 9 0
Government Buildings (a).	16,25,18,867	@ As. 4 41,919 7 3	15,63,23,750	@ As. 4 39,080 14 11	18,55,52,950	@ As. 4 69,763 2 0 (a)	29,86,05,000	@ Re. 1 1,34,141 2 0	55,81,62,650	@ As. 8 3,04,993 1	43,17,88,313	At different rates, 2,26,358 15 6	61,14,90,520	@ As. 8 3,05,284 12 0
Railways	83,13,79,848	@ As. 8 3,70,849 3 10	74,49,31,875	@ As. 8 3,72,465 14 7	73,49,96,900	@ As. 12 4,53,790 3 0	74,25,06,350	@ Re. 1 6,47,575 8 0	78,66,36,960	@ Re. 1 7,86,537 1 0	41,43,40,405	@ Re. 1 4,14,340 8 0	55,38,72,500	@ As. 14 5,53,872 8 0
Port Trust	54,99,56,022	@ As. 8 2,48,108 0 3	52,03,62,375	@ As. 8 2,60,181 3 0	55,28,54,060	@ As. 12 3,41,039 6 0 (a)	52,95,43,300	@ Re. 1 4,61,988 10 0	58,68,07,850	@ Re. 1 5,86,807 14 0	55,80,28,970	@ Re. 1 5,58,028 14 0	46,29,74,900	@ As. 14 4,62,974 13 0
Suburbs (b)	20,57,73,350	@ As. 4 1,04,604 7 8	47,35,89,250	At different rates 2,68,429 13 0	49,89,84,700	At different rates. 2,60,603 15 9 (a)	50,89,57,050	At different rates 3,12,848 4 0	74,05,80,675	At different rates 3,61,343 15 0	65,72,02 150	At different rates 3,00,974 9 0	73,52,51,460	At different rates. 2,68,219 14 0
Miscellaneous (c)... ...	1,11,21,89,679	At different rates. 4,25,990 3 0	1,12,34,25,635	At different rates 4,63,414 11 7	1,02,31,13,179	At different rates 4,49,079 3 9 (a)	95,03,11,217	At different rates 4,51,246 14 6	98,82,14,483	At different rates 7,21,975 15 7	93,63,59,715	At different rates 6,50,908 10 0	73,88,87,578	At different rates. 4,66,101 14 0
Total ...	4,46,18,76,149	21,29,122 2 7	4,56,90,52,352	25,29,983 1 1	4,42,24,17,972	26,06,442 15 9	4,82,17,87,107	33,75,762 3 6	5,04,60,41,213	41,42,959 12 1	4,58,93,28,457	35,56,741 12 6	4,50,39,08,938	31,23,278 4 0

(a) The rates charged are in accordance with the Water Rules for the respective years.

(b) The rate charged is annas 5 to As. 14 per 1,000 gals.

(c) The rates charged vary from As. 8 to As. 14.

A. These figures are exclusive of refunds.

No. 12.

Account.

the year ending 31st March 1929.

EXPENDITURE.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Superintendence (⅛ proportion of)	1,73,109 7 2			
Assessment and Collection Charges ($\frac{5}{16}$ proportion of) ..	1,47,538 3 10			
		3,20,647 11 0		
Maintenance of Water Works (*vide* Appendix No. 4) ..	8,04,067 1 6			
New Works (*vide* Appendix No. 4)	8,394 9 3			
		8,12,461 10 9		
			11,33,109 5 9	
Surplus carried down ..	.....	.....	53,11,654 2 7	
				64,44,763 8 4
Total Rs. ..	.....	.....	.....	64,44,763 8 4

for the year ending 31st March 1929.

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Interest on Water Works Loans (Debt)—				
Due to Government—				
Vehar Debt	70,749 11 0			
50 Lakhs Loan for Drainage, Water, etc., Works (Rs 5,00,000)	35,181 0 0			
1½ Crores Loan (Rs. 1,07,79,000)	6,64,570 0 0			
65 Lakhs Loan for Tansa Triplication Scheme (Rs. 65,00,000)	3,56,138 5 0			
2 Crores Loan for Major Development Works (Rs. 1,05,00,000)	5,63,081 11 0			
2½ Crores Loan for General Supervision, Water Works, etc. (Rs. 1,57,000)	8,598 0 0			
150 Lakhs Loan 1925-26 (Rs. 1,20,00,000)	6,08,274 0 0			
		23,06,592 11 0		
Due to the Public—				
44 Lakhs Sanitary Works Loan (Rs. 19,73,223) ..	....			
147 Lakhs Tansa Water Works Loan	7,27,300 0 0			
7 Lakhs Sanitary Works Loan (Rs. 1,90,389)	180 4 0			
12 Lakhs Drainage and Water Works Loan (Rs. 85,000)	49 4 0			
Rs. 10,08,500 Miscellaneous Works Loan (Rs. 1,35,000).	3,392 0 0			
35 Lakhs Various Sanitary Works Loan (Rs. 9,20,000).	45,664 8 0			
8 Lakhs Municipal Office Building Loan (Rs. 66,940)..	3,347 0 0			
23¼ Lakhs Drainage and other Works Loan (Rs. 2,45,500)	9,728 0 0			
15¾ Lakhs Sewerage, Wari Bunder, etc., Works Loan (Rs. 1,55,000)	5,430 0 0			
25 Lakhs Sewerage, etc., Works Loan (Rs. 2,31,297).	9,270 0 0			
24¾ Lakhs Sewerage and Water Works Loan (Rs. 2,73,000)	10,629 0 0			
12¾ Lakhs for certain Water Works (Rs. 12,75,000) ..	49,050 0 0			
55 Lakhs for Miscellaneous Works (Rs. 4,77,652) ..	19,013 0 0			
70 Lakhs for Reduplication of the Tansa Main and other Auxiliary Works	2,79,890 0 0			
43 Lakhs for Drainage, Water, Roads and Miscellaneous Works (Rs. 2,00,500)	8,020 0 0			
40 Lakhs for Sanitary Buildings (Rs. 10,00,000) ..	58,957 4 0			
160 Lakhs for Improvement of water supply in Bombay (First issue)..	4,03,551 12 6			
Do. do. (Second issue)..	5,50,262 4 10			
42 Lakhs for repayment of the Balance of the Government Consolidated Loan	113 8 0			
25 Lakhs for construction of roads, miscellaneous works (Rs. 50,000)	2,500 0 0			
		21,86,347 13 4		
		44,92,940 8 4		
Commission to the Imperial Bank of India for payment of Interest on the Water Works portion of the different Loans	9,716 10 0			
Miscellaneous Loan Charges including Commission paid to the Imperial Bank of India for drawing interest on Sinking Fund Investments	2,240 11 9			
		11,957 5 9		
			45,04,897 14 1	
Reduction of debt or investment of Sinking Fund of the following Water Works Loans :—				
Vehar Debt		43,226 5 0		
Water Works portion of Rs. 10,08,500 Miscellaneous Works Loan (Rs. 1,35,000)		1,598 0 0		
Tansa Water Works Loan of Rs. 147 Lakhs		76,040 0 0		
Carried forward Rs. ..		1,20,864 5 0		
			45,04,897 14 1	

Appendix
Water Works

Net Revenue Account for

		Rs. a. p.
INCOME—*contd.*		
	Brought forward Rs. ..	53,11,654 2 7
Deficit.—Excess of Expenditure over Income		4,01,837 9 6
	Total Rs. ..	57,13,491 12 1

M. R. TAMBE,
Chief Accountant.

No. 12—*contd.*

Account—contd.

the year ending 31st March 1929—*contd.*

EXPENDITURE.—*contd.*	Rs. a. p.	Rs. a p.	Rs. a. p.
Brought forward Rs.	1,20,864 5 0	45,04,897 14 1	
Water Works portion of the 35 Lakhs Various Sanitary Works Loan (Rs. 9,20,000)	10,204 0 0		
Do. do. 8 Lakhs Loan for new Municipal Office Building (Rs. 66,940)	768 0 0		
Do. do. 23¼ Lakhs Loan for Drainage and other Works (Rs. 2,45,500)	2,907 0 0		
Do. do. 15¾ Lakhs Loan for Sewerage, Wari Bunder, etc., Works (Rs. 1,55,000)	1,728 0 0		
Do. do. 25 Lakhs Loan for Sewerage, etc., Works (Rs. 2,31,297)	2,755 0 0		
Do. do. 24¾ Lakhs Loan (Rs. 2,73,000)	3,246 0 0		
Do. do. 12¾ „ „	24,019 0 0		
Do. do. 55 „ „ (Rs. 4,77,652)	10,563 0 0		
70 Lakhs Loan for Reduplication of the Tansa Main and other Auxiliary Works	78,148 0 0		
43 „ „ for Drainage, Water, Roads and Miscellaneous Works (Rs. 2,00,500)	4,214 0 0		
40 „ „ for Sanitary Buildings, etc. (Rs. 10,00,000)	17,830 0 0		
50 „ „ for Drainage, Water, etc., Works (Rs. 5,00,000)	8,915 0 0		
1½ Crores Loan for „ „ „ „ (Rs. 1,07,79,000) ..	1,85,512 5 0		
65 Lakhs Loan for Tansa Triplication Scheme	1,00,338 10 0		
178 Lakhs out of 2 Crores Loan for Major Development Works (Rs. 1,05,00,000)	1,60,777 12 0		
160 Lakhs Loan for the improvement of the water-supply in Bombay...	2,85,280 0 0		
2½ Crores Loan for General Supervision, Water Works, etc., purposes (Rs. 1,57,000)	2,423 0 0		
150 Lakhs Loan 1925-26 (Rs. 1,20,00,000)	1,87,141 14 0		
25 Lakhs Loan 1927-28 (Rs. 50,000)	968 0 0		
		12,08,593 14 0	
			57,13,491 12 1
		Total Rs. ...	57,13,491 12 1

A. R. DALAL,

Municipal Commissioner.

133778

Appendix

WATER WORKS

SCHEDULE OF LIABILITIES AND

	Rs. a. p.	Rs. a. p.	Rs. a. p.
LIABILITIES.			
Debt due to Government—			
Government of Bombay on account of Vehar Debt ...	17,45,034 2 9		
50 Lakhs Loan for Drainage, Water, &c., Works... ...	5,00,000 0 0		
1½ Crores do. do.	1,01,21,700 0 0		
2½ Crores Loan	1,40,944 0 0		
65 Lakhs Loan for Tansa Triplication Scheme	58,35,201 5 0		
2 Crores Loan for Major Development Works... ...	98,43,112 12 0		
150 Lakhs Loan (1925-26)	1,15,94,019 0 0		
		3,97,80,111 3 9	
Debt due to the Public—			
Water Works portion of the 44 Lakhs Sanitary Works Loan (Rs. 19,73,223)	5,157 0 0		
Water Works portion of the 7 Lakhs Sanitary Works Loan	544 0 0		
Water Works portion of the 4½ Lakhs Loan for Fire Brigade quarters, etc. (Rs. 3,346)	4 0 0		
Water Works portion of the 12 Lakhs Drainage and Water Works Loan...	177 0 0		
Water Works portion of the Miscellaneous Works Loan of Rs. 10,08,500	2,074 0 0		
Water Works portion of the 42 Lakhs Loan for repayment of Government consolidated Loan (Rs. 39,73,696)	2,852 0 0		
Water Works portion of the 35 Lakhs Various Sanitary Works Loan	9,26,000 0 0		
Tansa Water Works Loan of 147 Lakhs	1,45,00,000 0 0		
Water Works portion of the 8 Lakhs Loan for new Municipal Office Buildings	66,940 0 0		
Water Works portion of the 23¼ Lakhs Loan for Drainage and other Works	2,45,500 0 0		
Water Works portion of the 15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works	1,55,000 0 0		
Water Works portion of the 25 Lakhs Loan for Sewerage, Roads and other Works	2,31,297 0 0		
Water Works portion of the 24¾ Lakhs Loan for certain Sewerage and Water Works	2,73,000 0 0		
12¾ Lakhs Loan for certain Water Works...	12,75,000 0 0		
Water Works portion of the 55 Lakhs Loan for Mis. Works...	4,77,652 0 0		
70 Lakhs Loan for the Reduplication of the Tansa Main and other Auxiliary Works	70,00,000 0 0		
Water Works portion of 43 Lakhs Loan for Miscellaneou Works	2,00,500 0 0		
40 Lakhs Loan for the construction of Sanitary Buildings, acquisition of lands for Street Improvements and for executing Drainage and Water Works ...	10,00,000 0 0		
160 Lakhs Loan for the improvement of the water-supply in Bombay	1,60,00,000 0 0		
Water Works portion of the 25 Lakhs Loan (1927-28)..	50,000 0 0		
		4,24,05,697 0 0	8,21,85,808 3 9
II.—Sinking Funds on Municipal Loans (invested as per contra)		.. ...	1,24,69,505 0 0
III.—Special Funds—			
Worn-out Water Mains Renewal Fund (invested as per contra)		3,20,669 13 8	
Net Premia Fund (invested as per contra) ...		7,84,260 0 0	
			11,04,929 13 8
IV.—Capital Account—			
General Reserve being Assets in excess of Liabilities			1,39,50,181 14 2
Total Rs. ...			10,97,40,424 15 7

M. R. TAMBE,
Chief Accountant.

No. 13.

ACCOUNT.

ASSETS AT 31ST MARCH 1929.

ASSETS.	Rs. a. p.	Rs a. p.	Rs. a. p.
Properties—			
Water Works executed out of Loan and Reserve Funds (*vide* Appendix No. 8.)—			
Ordinary Works		4,44,26,227 4 6	
Tansa Triplication		5,02,72,282 9 0	
Works executed out of Worn-out Water Mains Renewal Fund		5,65,368 2 6	
			9,52,63,878 0 0
II. Investments—			
1. Imperial Bank of India Municipal Loans Sinking Fund Deposit Accounts—			
Sinking Funds	1,24,99,505 0 0		
2. Imperial Bank of India—Worn-out Water Mains Renewal Fund Deposit Account (*vide* Appendix No. 6)	3,20,699 13 8		
3. Imperial Bank of India—Net Premia on different Municipal Loans Deposit Account (*vide* note* to Appendix No. 6)...	7,84,290 0 0		
		1,33,04,494 13 8	
4. Loan Funds Investments Deposit Account (*vide* note to Appendix No. 9)	15,06,551 5 6		
Less—Value of properties (Water Works) executed out of Loan Funds Advances (*vide* page 86)	6,34,439 3 7		
		8,72,112 1 11	1,44,76,606 15 7
TOTAL Rs. ...			10,97,40,484 15 7

A. R. DALAL,
Municipal Commissioner.

Appendix

Markets and Slaughter

Revenue Account for the year

INCOME.	Amount. Rs. a. p.
Income for the year—*Vide* details in Appendix No. 3	12,07,276 3 5
Total Rs. ..	12,07,276 3 5

Net Revenue Account for the year

	Rs. a. p.
Surplus brought down ..	7,91,208 15 1
Total Rs.	7,91,208 15 1

M. R. TAMBE,
Chief Accountant.

No. 13A.

Houses Account.

ending 31st March 1929.

EXPENDITURE.	Rs. a. p.	Rs. a. p.
Maintenance Charges of Markets and Slaughter Houses (*vide* Appendix No. 4) ..	4,14,822 6 0	
New works (*vide* Appendix No. 4)	1,244 14 4	
		4,16,067 4 4
Surplus carried down ...		7,91,288 15 1
Total Rs. ...		12,07,276 3 5

ending 31st March 1929.

	Rs. a. p.	Rs. a. p.	Rs. a. p.
Interest on Loans.			
Due to Government—			
Rs. 50 Lakhs Loan (Rs. 1,09,000)	7,670 0 0		
„ 1½ Crores „ („ 1,66,000)	10,245 0 0		
„ 140 Lakhs „ („ 27,22,000)	1,59,847 8 0		
„ 2 Crores „ („ 9,77,000)	52,559 0 0		
		2,30,321 8 0	
Due to Public.			
Rs. 10,08,500 Loan (Rs. 5,00,000)	12,562 8 0		
„ 35 Lakhs „ („ 5,00,000)	24,817 0 0		
„ 55 „ „ („ 63,627)	2,533 0 0		
„ 43 „ „ („ 80,052)	3,202 0 0		
„ 30 „ „ („ 2,00,000)	8,000 0 0		
		51,114 8 0	
			2,81,436 0 0
Commission to the Imperial Bank of India for the payment of interest on the portions of the different Loans...		306 8 0	
Miscellaneous Loan Charges including Commission paid to the Imperial Bank of India for drawing interest on Sinking Fund Investments		744 4 0	
			1,050 12 0
Reduction of debt or investment of Sinking Fund.			
Rs. 43 Lakhs Loan (Rs. 80,052)		1,683 0 0	
„ 55 „ „ („ 63,627)		1,407 0 0	
„ 35 „ „ („ 5,00,000)		5,544 0 0	
„ 50 „ „ („ 1,09,000)		1,943 0 0	
„ 30 „ „ („ 2,00,000)		3,874 0 0	
„ 10,08,500 „ „ („ 5,00,000)		5,920 0 0	
„ 1½ Crores „ („ 1,66,000)		2,857 0 0	
„ 140 Lakhs „ („ 27,22,000)		42,309 2 0	
„ 2 Crores „ „ 9,77,000)		14,913 3 0	
			80,450 5 0
			3,62,937 1 0
Balance—Income in excess of expenditure ...			4,28,271 14 1
Total Rs. ...			7,91,208 15 1

A. R. DALAL,
Municipal Commissioner.

Appendix No. 14.

MUNICIPAL WORKSHOPS.

Income and Expenditure for the year 1928-29.

1927-28.		Expenditure.	1928-29.	1927-28.	Income.	1928-29.
Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.		Rs. a. p.
2,81,865 12 3	....	Labour and Stores on Departmental Works ...	2,81,112 4 6	3,51,109 14 0	Amount chargeable to Departments on account of work done.	3,56,315 5 5
	41,007 15 6	Labour and Stores on maintenance of shops ... ... Rs. 39,637 9 6				
				2,419 9 0	Sale of waste materials and unserviceable stores ...	1,299 15 0
99,349 14 9	58,341 15 3	Supervision and Office expenses 58,193 2 9	97,830 12 3			
				27,686 4 0	Deficit on year's working to be written off when sanction of the Corporation is accorded. ...	21,327 12 4
3,81,215 11 0			3,78,943 0 9	3,81,215 11 0		3,78,943 0 9

Appendix No. 14.A.

MUNICIPAL WORKSHOPS.

Balance Sheet as at 31*st March* 1929.

1927-28.	Liabilities.	1928-29.	1927-28.		Assets.		1928-29.
Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.
			6,137 9 0		Works in progress		10,815 13 2
63,523 11 0	At debit of Advance Account ...	65,051 10 10		20,485 15 0	Due from Departments	24,841 7 0	
			.....		Do. Private Parties ...	19 9 0	
	Charges unpaid at 31st March 1929 not debited to Advance Account but included in Income and Expenditure Account above	998 12 8	20,485 15 0				24,861 0 0
				9,380 7 0	Stores issued in March but not included in the expenditure shown in I. and E. Account above ...	9,117 12 0	
				164 0 0	*Less*—R. S. Memo.	64 0 0	
			9,216 7 0				9,053 12 0
	Recovery on account of overcharge on conveyance allowance	7 14 0		27,686 4 0	Deficit on year's working not adjusted at close of the year		21,327 12 4
					Less—Sale proceeds of condemned electric bulbs not credited to Advance Account		.....
63,523 11 0		66,058 5 6		2 8 0			
			27,683 12 0				
			63,523 11 0				66,058 5 6

M. R. TAMBE,
Chief Accountant.

A. R. DALAL,
Municipal Commissioner.

Appendix No. 14-B.

Dr. Statement of Advance Accounts for 1928-29. *Cr.*

Opening Balance on 1st April 1928.	Debits during 1928-29.	Closing Balance on 31st March 1929.	Total.	Name of Account.	Opening Balance on 1st April 1928.	Credits during 1928-29.	Closing Balance on 31st March 1929.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	*Departmental Works.*	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1,919 9 9	27,451 5 3	....	29,370 15 0	Drainage Branch	....	23,781 8 0	5,589 7 0	29,370 15 0
3,469 4 0	2,41,948 4 11	....	2,45,417 8 11	Roads and Buildings	....	2,20,485 8 11	24,932 0 0	2,45,417 8 11
2,705 0 1	38,789 1 11	....	41,494 2 0	Water Works	....	32,884 3 1	8,609 14 11	41,494 2 0
....	1,72,392 5 0	....	1,72,392 5 0	D. E. Works	27,497 7 2	1,26,354 14 7	18,539 15 3	1,72,392 5 0
8,093 13 10	4,80,581 1 1	....	4,88,674 14 11	Total ..	27,497 7 2	4,03,506 2 7	57,671 5 2	4,88,674 14 11
				Private Works.				
2,096 2 0	10,633 12 7	....	12,729 14 7	Drainage Branch	....	10,474 1 0	2,255 13 7	12,729 14 7
24,597 3 8	1,67,370 3 9	....	1,91,967 7 5	Roads and Buildings	....	1,71,590 1 7	20,377 5 10	1,91,967 7 5
1,618 1 2	143 10 11	....	1,761 12 1	Levelling, Metalling, etc., Private Streets.	....	386 3 7	1,375 8 6	1,761 12 1
17,427 13 6	22,221 14 10	....	39,649 12 4	Water Works..	....	26,999 2 0	12,650 10 4	39,649 12 4
				Government of Bombay.				
523 14 5	5,470 5 0	....	5,994 3 5	Working of the Lethal Chamber for the destruction of stray dogs.	....	5,439 2 6	555 0 11	5,994 3 5
1,305 2 3	706 15 6	....	2,012 1 9	Health Department	....	1,645 1 3	367 0 6	2,012 1 9
9,546 11 0	21,472 3 9	....	31,018 14 9	Bombay Port Trust	....	21,059 0 9	9,959 14 0	31,018 14 9
57,115 0 0	2,28,019 2 4	....	2,85,134 2 4	Total ..	....	2,37,592 12 8	47,541 5 8	2,85,134 2 4
65,208 13 10	7,08,600 3 5	....	7,73,809 1 3	Carried forward ..	27,497 7 2	6,41 098 15 3	1,05,212 10 10	7,73,809 1 3

Appendix No. 14-B—*continued.*

Dr Statement of Advance Accounts for 1928-29. *Cr.*

Opening Balance on 1st April 1928.	Debits during 1928-29.	Closing Balance on 31st March 1929.	Total.	Name of Account.	Opening Balance on 1st April 1928.	Credits during 1928-29.	Closing Balance on 31st March 1929.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
65,208 13 10	7,08,600 3 5	....	7,73,809 1 3	Brought over ..	27,497 7 2	6,41,098 15 3	1,05,212 10 10	7,73,809 1 3
				Asphalt Plant, Crushers, etc.				
2,87,993 3 2	4,27,675 8 11	....	7,15,668 12 1	Asphalt Plant	....	5,59,840 5 7	1,55,828 6 6	7,15,668 12 1
13,115 13 7	30,037 8 7	....	43,153 6 2	Nowroji Hill Crushers	....	43,153 6 2	....	43,153 6 2
....	76,170 3 11	....	76,170 3 11	Sewri Crushers	12,468 9 11	63,701 10 0	....	76,170 3 11
....	23,533 4 10	....	23,533 4 10	Tar Makadam Plant at Nowroji Hill.	5,136 10 10	16,375 8 6	2,021 1 6	23,533 4 10
6,311 9 11	10,038 4 4	....	16,349 14 3	Tar Makadam Plant at Love Grove.	....	8,217 14 0	8,132 0 3	16,349 14 3
....	1,03,651 13 6	....	1,03,651 13 6	Motor Traction	4,907 5 6	95,896 12 0	2,847 12 0	1,03,651 13 6
3,07,420 10 8	6,71,106 12 1	....	9,78,527 6 9	Total ..	22,512 10 3	7,87,185 8 3	1,68,829 4 3	9,78,527 6 9
				Municipal Officers.				
....	2,03,866 12 8	....	2,03,866 12 8	Dishonoured cheques	....	2,03,866 12 8	....	2,03,866 12 8
12,216 9 6	1,518 0 0	....	13,734 9 6	Standing advance for Contingent Expenses.	....	1,010 0 0	12,724 9 6	13,734 9 6
12,494 5 0	2,432 14 3	....	14,927 3 3	Motor Cars and motor cycles to officers.	....	8,276 3 3	6,651 0 0	14,927 3 3
980 0 0	120 0 0	....	1,100 0 0	Cycles advances to subordinates ..	....	1,060 0 0	40 0 0	1,100 0 0
25,690 14 6	2,07,937 10 11	....	2,33,628 9 5	Total ..	....	2,14,212 15 11	19,415 9 6	2,33,628 9 5
3,98,320 7 0	15,87,644 10 5	....	19,85,965 1 5	Carried forward ..	50,010 1 5	16,42,497 7 5	2,93,457 8 7	19,85,965 1 5

Dr. **Appendix 14-B**—*continued.* *Cr.*

Statement of Advance Accounts for 1928-29.

Opening Balance on 1st April 1928.	Debits during 1928-29.	Closing Balance on 31st March 1929.	Total.	Name of Account.	Opening Balance on 1st April 1928.	Credits during 1928-29.	Closing Balance on 31st March 1929.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
3,98,320 7 0	15,87,644 10 5	....	19,85,965 1 5	Brought over ..	50,010 1 5	16,42,497 7 5	2,93,457 8 7	19,85,965 1 5
				Special Funds.				
....	154 4 11	....	154 4 11	Loss or damage to be met out of the Municipal Fire and Accident Insurance Fund.	....	154 4 11	....	154 4 11
....	4,986 14 10	....	4,986 14 10	Amount expended out of worn out water mains Renewal Fund.	....	4,986 14 10	....	4,986 14 10
1,443 13 0	2,26,578 13 0	....	2,28,022 10 0	Amount expended out of Municipal Land and Building Fund.	....	2,28,022 10 0	....	2,28,022 10 0
....	5,460 10 2	....	5,460 10 2	Charges to be met out of Fines Fund.	....	5,460 10 2	....	5,460 10 2
....	55,207 12 0	....	55,207 12 0	Charges to be met out of P. and M Depreciation Fund.	....	55,207 12 0	.....	55,207 12 0
1,443 13 0	2,92,388 6 11	....	2,93,832 3 11	Total ..	....	2,93,832 3 11	....	2,93,832 3 11
3,99,764 4 0	18,80,033 1 4	....	22,79,797 5 4	Carried over ..	50,010 1 5	19,36,329 11 4	2,93,457 8 7	22,79,797 5 4

Appendix No. 14-B—*concluded.*

Statement of Advance Accounts for 1928-29.

Dr. *Cr.*

Opening Balance on 1st April 1928.	Debits during 1928-29.	Closing Balance on 31st March 1929.	Total.	Name of Account.	Opening Balance on 1st April 1928.	Credits during 1928-29.	Closing Balance on 31st March 1929.	Total.
Rs. a. p. 3,99,764 4 0	Rs. a. p. 18,80,033 1 4	Rs. a. p.	Rs. a. p. 22,79,797 5 4	Brought over ..	Rs. a. p. 50,010 1 5	Rs. a. p. 19,36,329 11 4	Rs. a. p. 2,93,457 8 7	Rs. a. p. 22,79,797 5 4
24 582 4 0	1,66,963 13 7	....	1,91,546 1 7	Miscellaneous Advances	....	65,941 12 6	1,25,604 5 1	1,91,546 1 7
1 10 7	422 6 11	....	433 1 6	Building Certificate forms	....	415 8 0	17 9 6	433 1 6
2 2 3	726 13 11	....	736 0 2	Building Repair certificate forms...	....	702 8 0	33 8 2	736 0 2
....	3,000 0 0	.. .	3,000 0 0	Chief Auditor and Accountant B. B. & C. I. Railway.	....	....	3,000 0 0	3,000 0 0
24,602 0 10	1,71,113 2 5	....	1,95,715 3 3	Total ..	....	67,059 12 6	1,28,655 6 9	1,95,715 3 3
2,455 14 6	8,060 14 4	....	10,516 12 10	Municipal Contractors	....	6,658 14 6	3,857 14 4	10,516 12 10
12,034 11 5	2,27,045 12 7	....	2,39,080 8 0	Purchase of Coal	....	2,25,176 13 8	13,903 10 4	2,39,080 8 0
1,930 8 6	1,39,469 8 11	....	1,41,400 1 5	„ of Petrol	....	1,37,174 6 11	4,225 10 6	1,41,400 1 5
201 6 6	25,999 12 3	....	26,201 2 9	Rent Relief	....	22,733 2 3	3,468 0 6	26,201 2 9
63,523 11 0	4,16,279 10 1	....	4,79,803 5 1	Municipal Workshops ..	....	4,14,751 10 3	65,051 10 10	4,79,803 5 1
5,04,512 8 9	28,68,001 13 11	....	33,72,514 6 8	Grand Total ..	50,010 1 5	28,09,884 7 5	5,12,619 13 10	33,72,514 6 8

M. R TAMBE,
Chief Accountant.

A. R. DALAL,
Municipal Commissioner.

Appendix No. 14-C.

Statement of Deposit Accounts for 1928-29.

Dr. *Cr.*

Debits during 1928-29.	Closing Balance on 31st March 1929.	Total.	Name of Account.	Opening Balance on 1st April 1928.	Credits during 1928-29.	Total
Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.
1,73,225 15 5	1,31,409 5 10	3,04,635 5 3	(*a*) Cash Deposits from contractors	1,81,230 9 5	1,23,404 11 10	3,04,635 5 3
4,15,078 0 0	1,03,978 12 0	5,19,056 12 0	(*aa*) Cash Deposits from Tenderers	72,401 12 0	4,46,655 0 0	5,19,056 12 0
			(*b*) Cash Deposits from private parties received through Departmental Officers.			
1,50,189 2 0	1,55,662 6 7	3,05,851 8 7	1. Executive Engineer	1,45,075 13 7	1,60,775 11 0	3,05,851 8 7
43,092 5 9	41,982 4 6	85,074 10 3	2. Hydraulic Engineer	44,027 14 8	41,046 11 7	85,074 10 3
2,31,259 10 5	70,592 15 11	3,01,852 10 4	3. Assessor and Collector	77,789 5 8	2,24,063 4 8	3,01,852 10 4
8 0 0	50 8 0	58 8 0	4. Deputy Health Officer, A Ward (Military) .	14 0 0	44 8 0	58 8 0
50,653 11 4	7,989 0 3	58,642 11 7	5. Executive Health Officer	16,084 0 7	42,558 11 0	58,642 11 7
69,747 14 10	22,128 4 11	91,876 3 9	6. Other Officers..	36,526 0 7	55,350 3 2	91,876 3 9
5,44,950 12 4	2,98,405 8 2	8,43,356 4 6	Total ..	3,19,517 3 1	5,23,839 1 5	8,43,356 4 6
10,36,524 9 0	9,67,391 13 10	20,03,916 6 10	(*c*) Other Cash Deposits	8,91,018 7 7	11,12,897 15 3	20,03,916 6 10
16,528 5 6	19,428 14 9	35,957 4 3	(*d*) Deposits on account of work performed for private parties.	10,822 9 9	25,134 10 6	35,957 4 3
62,779 12 1	141 3 0	62,920 15 1	(*e*) Income-tax on behalf of Government through Chief Accountant on Municipal Establishment.	146 11 0	62,774 4 1	62,920 15 1
2,83,700 0 0	53,600 0 0	3,37,300 0 0	(*f*) Paper Deposits from Tenderers (kept in office) ..	60,500 0 0	2,76,800 0 0	3,37,300 0 0
25,32,787 6 4	15,74,355 9 7	41,07,142 15 11	Carried forward ..	15,35,637 4 10	25,71,505 11 1	41,07,142 15 11

Appendix No. 14-C—*concluded.*

Dr. Statement of Deposit Accounts for 1928-29. *Cr.*

Debits during 1928-29.	Closing Balance on 31st March 1929.	Total.	Name of Account.	Opening Balance on 1st April 1928.	Credits during 1928-29.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.
25,32,787 6 4	15,74,355 9 7	41,07,142 15 11	Brought forward ..	15,35,637 4 10	25,71,505 11 1	41,07,142 15 11
4,08,000 0 0	5,17,800 0 0	9,25,800 0 0	(*g*) Paper Deposits from Municipal employees and contractors lodged with the Imperial Bank of India.	6,06,600 0 0	3,19,200 0 0	9,25,800 0 0
6,428 4 4	331 13 0	6,760 1 4	(*h*) Court Attachments	463 10 8	6,296 6 8	6,760 1 4
391 1 0	24 2 0	415 3 0	(*i*) Stores Department Supervision Charges	2 7 0	412 12 0	415 3 0
1,108 12 0	18 0 0	1,126 12 0	(*j*) Profit on Sale of Stores	14 4 0	1,112 8 0	1,126 12 0
14,741 9 0	123 9 0	14,865 2 0	(*k*) Interest realised on Government, etc., Paper lodged by Municipal employees, contractors, etc.	7 12 0	14,857 6 0	14,865 2 0
37,564 8 0	6,236 0 0	43,800 8 0	(*l*) (Government of Bombay) Land conveyance Licenses, through Chief Accountant on Account of License fees, Badges, etc.	10,327 4 0	33,473 4 0	43,800 8 0
9,66,500 0 0	21,800 0 0	9,88,300 0 0	(*n*) Paper Deposits kept in Office..	63 200 0 0	9,25,100 0 0	9,88,300 0 0
17,99,850 0 0	....	17,99,850 0 0	(*o*) Investment of Surplus Moneys in Government Paper Port Trust Bonds, &c.	....	17,99,850 0 0	17,99,850 0 0
4,93,750 0 0	....	4,93,750 0 0	(*p*) Investment in the three months Government Treasury Bill.	....	4,93,750 0 0	4,93,750 0 0
62,61,121 8 8	21,20,689 1 7	83,81,810 10 3	Total ..	22,16,252 10 6	61,65,557 15 9	83,81,810 10 3

M. R. TAMBE,
Chief Accountant.

A. R. DALAL,
Municipal Commissioner.

Appendix No. 14-D.

Statement of Reserve Stock for 1928-29.

Dr. *Cr.*

Opening balance on 1st April 1928.	Debits during 1928-29.	Total.	Name of Account.	Credits during 1928-29.	Closing balance on 31st March 1929.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs a. p	Rs. a. p.
4,64,508 0 4	6,42,214 10 2	11,06,722 10 6	General Stores Department	6,18,800 10 6	4,87,922 0 0	11,06,722 10 6
3,68,311 9 11	2,71,042 9 6	6,39,354 3 5	Capital Stores	3,00,106 7 5	3,39,247 12 0	6,39,354 3 5
83,785 13 7	....	83,785 13 7	Line Suspense Account	1,604 12 0	82,181 1 7	83,785 13 7
3,621 11 9	2,702 14 11	6,324 10 8	Water Works	1,968 6 1	4,416 4 7	6,324 10 8
29,856 14 3	10,749 0 0	40,605 14 3	Executive Engineer's Department (Purchase of Stores for D. E. Works).	12,449 9 0	28,156 5 3	40,605 14 3
1,075 0 0	....	1,075 0 0	Stores in charge of the Drainage Engineer	....	1,075 0 0	1,075 0 0
9,51,159 1 10	9,26,709 2 7	18,77,868 4 5	Total ..	9,34,869 13 0	9,42,908 7 5	18,77,868 4 5

M. R. TAMBE,
Chief Accountant.

A. R. DALAL,
Municipal Commissioner.

Appendix

Statement showing the amounts of the Receipts and Disbursements respectively credited the credit of the Fund at the close of the

—	Details.	Total.
	Rs. a. p.	Rs. a. p.
Receipts—A. Revenue Account.		
Balance on 1st April 1928 ..	....	10,54,225 10 11
1. General Tax, Indirect Taxation and Mis. Revenue. — A. General Tax	1,26,09,967 9 11	
B. Town Duties	15,46,676 8 1	
C. Cotton Import Duty	13,37,095 5 7	
D. Licenses, Land Conveyance, Music, etc., Licenses	5,544 5 0	
E. Liquor Licenses	1,43,750 0 0	
F. Tobacco Duty	3,76,439 11 7	
G. Interest and Profit on Investment of Surplus Loan and other balances.	7,38,636 15 3	
H. Miscellaneous	2,27,639 2 0	1,69,85,749 9 5
2 Water Works—Water Tax and other Mis. Water Works Revenue	....	64,44,763 8 4
3. Education—Primary	....	8,15,636 0 0
4. Education—Secondary..	....	225 0 0
5. Public Health Department	....	79,087 2 2
6. Hospitals and Medical Relief	....	78,201 2 3
7. Street Cleansing and Conservancy, including Road Watering	....	1,10,571 14 3
8. Roads and Overbridges—		
A. Wheel Tax and Government Contribution in lieu of Tolls	10,19,412 0 4	
B. Ground Rent	1,29,606 9 3	
C. Miscellaneous	1,66,786 1 5	
D. Interest realized on Donations	1,458 12 1	13,17,263 7 1
9. Public Lighting	....	825 9 2
10. Drainage and Sewerage, including the Halalkhore Branch—		
A. Halalkhore Tax	32,10,243 5 8	
B. Miscellaneous	31,669 4 3	32,41,912 9 11
11. Fire Brigade—		
A. Fire Tax	5,72,933 4 8	
B. Miscellaneous	13,062 11 4	5,85,996 0 0
12. Building Regulations and other measures for securing the Public Safety—		
A. Licenses for Dangerous and Offensive Trades ..	1,23,834 6 0	
B. Miscellaneous	1,00,614 3 4	
C. Removal of Encroachments on Public Streets ..	82,885 9 6	3,07,334 2 10
13. Gardens and Open Spaces	....	2,09,068 6 0
14. Markets and Slaughter Houses	....	12,07,276 3 5
15. Contribution from capital Funds to Revenue on account of Loan Works Staff	.....	1,49,472 6 4
A. Revenue Account Total Rupees ..	....	3,15,33,383 1 2

No. 15.

and debited to the Municipal Fund during the year 1928-29 and the balance at year 1928-29 (*i.e.*, 31st March 1929).

—	Details.			Total.			Remarks.
Disbursements—	Rs.	a.	p.	Rs.	a.	p.	
I. General Superintendence, Collection of Revenue, etc. — A. General Superintendence	5,40,173	0	1				
B. Collection of Revenue	5,61,208	3	6				
C. Upkeep of Municipal Buildings	71,078	15	4				
D. General Stores	63,564	9	4				
E. Miscellaneous Charges ...	4,93,168	2	6				
F. Election Expenses ...	34,871	5	11				
New Works	8,912	1	4				
I-A. Debt (General)	60,09,594	0	11	77,82,570	6	11	
II. Water Works	11,24,714	12	6				
Do. Debt Charges	57,13,491	12	1				
Do. New Works	8,394	9	3	68,46,601	1	10	
III. Education—Primary...	.....			28,68,473	6	1	
IV. Education—Secondary	...			79,310	8	4	
V. Public Health Department. — A. General Supervision	5,60,176	7	5				
C. Epidemics	19,571	6	2				
D. Vaccination	48,273	1	6				
E. Malaria	1,54,893	13	3				
F. Miscellaneous	88,995	7	1				
New Works	624	11	10	8,72,534	15	3	
VI. Hospitals and Medical Relief. — A. Hospitals and Dispensaries—							
(*a*) Infectious Diseases Hospitals	1,70,030	0	11				
(*b*) Maternity Homes	79,164	13	0				
(*c*) Dispensaries for Outpatients	70,429	13	2				
B. Medical and Nursing Assistance, &c., to poor people in their houses	16,966	1	0				
C. Statutory Contribution to Government Medical Institutions ..	4,14,500	0	0				
D. Grants-in-aid to Public Medical Institutions, Convalescent Homes, Isolation Asylums, Sanitary Societies, &c	1,09,141	7	10				
E. Anti-Tuberculosis League Dispensary	57,674	12	2				
F. Dispensary for Combating Venereal Diseases	25,893	13	8				
G. King Edward Memorial Hospital	4,73,552	4	7				
H. Gordhandas Sunderdas Medical College	2,08,676	6	0				
New Works	1,619	12	6	16,27,649	4	10	
VII. Street Cleansing and Conservancy including Road Watering. — A. Street Cleansing and Conservancy ..	25,52,290	8	11				
B. Transport of Refuse &c., to Deonar ...	1,84,743	2	10				
C. Road Watering ...	85,646	12	5				
New Works	3,319	2	1	28,25,999	10	3	
VIII. Roads and Overbridges. — A. Roads, Overbridges, and Footpaths ...	12,02,481	6	11				
B. Street Improvement...	36,380	15	0				
C. Cleansing and Repairing Port Trust Wharves and Roads ...	1,29,919	0	0				
New Works	.....			13,68,781	5	11	
IX. Public Lighting	...			10,99,729	14	3	
X. Drainage and Sewerage including the Halalkhore Branch. — A. Drainage and Sluices..	4,99,969	7	2				
B. Pumping and Compressor Stations and Flood Gates... ...	6,60,013	13	0				
C. Halalkhore Branch ...	7,63,625	8	1				
New Works	1,08,599	5	7	20,32,208	1	10	
XI. Fire Brigade	3,32,102	2	6				
Do Debt Charges	50,162	0	0				
New Works	3,218	0	6	3,85,482	3	0	
XII. Building Regulations and other measures for securing the Public Safety	.....			3,81,647	3	9	
XIII. Gardens and Open Spaces ...	1,73,120	1	9				
New Works	3,493	9	8	1,76,613	11	5	
XIV. Markets and Slaughter Houses ...	4,14,822	6	0				
Debt Charges	3,62,957	1	0				
New Works	1,241	14	4	7,79,004	5	4	
XV. Contribution to the City Improvement Trust	.....			23,02,180	0	4	
XVI. Contribution to Provident Fund, by the Municipal Corporation...	.....			2,39,216	10	3	
XVII. Loan Works Establishment ..	... ...			3,75,909	15	5	
XVIII. Retrenchment Enquiry ...	.....			6,000	0	0	
XIX. Contribution from Revenue towards Bai Jerbai Wadia Hospital for Children	.....			7,00,000	0	0	
XX. Municipal Research Bureau ..	... ..			371	8	2	
A.—Revenue Account Total—Rupees ...	... ..			3,27,50,278	5	2	

—	Details.	Total.
	Rs. a. p.	Rs. a. p.
B—CAPITAL ACCOUNT—		
Receipts—Loan Funds		
Balance on 1st April 1928	.....	.....
Contribution from Revenue towards Bai Jerbai Wadia Hospital for Children ... ... Total ...	.....	7,00,000 0 0
Development Fund—		
Recoveries on account of Sale of Land	41,209 0 0	
Interest on Investments and rent on properties ...	3,11,050 4 0	
Transfer from Lands and Buildings Fund	7,28,068 4 1	
Temporary Advance from Loan Funds	5,44,573 0 0	
Total ...	.....	16,24,900 8 1
Lands and Buildings Fund—		
Realisation on account of sale of land, &c.	67,270 15 8	
Interest on Investments	58,566 5 0	
Total ...	.....	1,25,837 4 8
Worn-out Water Mains Renewal Fund—		
Interest on Investments	.....	15,305 12 0
Advances—		
Capital Stores Account	.....	5,18,911 8 11
Advance from Surplus Cash Balance pending raising of Loan for Subvention to house owners, etc.	.....	90,400 0 0
B—Capital Account—Total Rs.	.....	30,75,355 1 8
C—Suspense Account—		
Imperial Bank of India and other Local Banks on account of Sundry Deposits	.....	3,44,82,935 4 10
Loan Redemption Fund	.....	26,13,070 1 0
Interest, Instalments, &c., on account of Sinking and Special Funds	.....	27,46,404 0 2
Interest Accrued but not paid...	.....	*Dr.* 25,212 8 0
Provident Fund	.....	9,50,465 0 5
Fines Fund	.....	45,296 10 0
Workshops Recoveries	.....	4,14,742 9 3
Reserve Stores Account	.....	6,77,705 6 7
Purchase Stores Account	.....	5,84,679 12 8
Do. of Petrol	.....	1 37,174 6 11
Do. of Coal	.....	2,35,176 13 8
Departmental Works	.....	4,03,506 2 7
Private Works	.....	2,37,592 12 8
Nowroji Hill Crushers	.....	43,153 6 2
Sewri Crushers	.....	63,701 10 0
Tar Macadam Plant at Nowroji Hill	.....	16,375 8 6
" " " Love Grove	.....	8,317 14 0
Motor Traction	.....	95,896 12 0
Asphalt Plant	.....	5,59,840 5 7
Municipal Contractors	.....	6,658 14 6
Rent Relief	.....	22,733 2 3
Sundries—Miscellaneous Advances	.....	67,059 12 6
Advances—Special Funds	.....	1,67,275 7 8
Officers—		
(*a*) Dishonoured Cheques	.....	2,03,866 12 8
(*b*) Standing Advances for Contingent Expenses ...	.....	1,010 0 0
(*c*) Motor Cars and Motor Cycles to Officers ...	.....	8,276 3 3
(*d*) Cycle Advances to Subordinates	.....	1,060 0 0
Deposits	.....	61,65,557 15 9
Cheques payable	.....	5,92,08,704 3 0
Cash Bills outstanding Account	.....	3,47,182 15 10
C—Suspense Account—Total Rs.	.....	11,04,80,107 8 5

SUMMARY.

Receipts.		Disbursements.
Rs. a. p.		Rs. a. p.
10,54,225 10 11	Balance on 1st April 1928	.....
2,15,33,382 1 2	A.—Revenue Account	3,27,50,278 5 2
30,75,355 1 8	B.—Capital Account	72,61,721 13 9
11,04,80,107 8 5	C.—Suspense Account	10,46,32,187 9 2
	Balance on 31st March 1929	14,98,883 10 1*
Total ... 14,61,43,071 6 2	Total ...	14,61,43,071 6 2

M. R. TAMBE,
Chief Accountant.

No. 15 — *concluded.*

—	Details.	Total.	Remarks.
Disbursements—			
Loan Fund—	Rs. a. p.	Rs. a. p.	
I. General Supervision, Collection of Revenue, etc.	53,291 0 0		
II. Water Works, ordinary	1,18,772 13 4		
Do. Tansa Triplication	2,61,258 1 10		
III. Education—Primary	30,289 1 0		
V. Public Health Department	5,583 1 6		
VI. Hospitals and Medical Relief	7,28,171 11 8		
VII. Street Cleansing and Conservancy ...	7,667 1 7		
VIII. Roads and Overbridges	11,83,966 12 9		
X. Drainage and Sewerage including the Halalkhore Branch Ordinary ...	5,84,958 12 5		
XI. Fire Brigade	18,895 0 4		
XIII. Gardens and Open Spaces	28,862 6 6		
XIV. Markets and Slaughter Houses ...	11,575 2 11		
Temporary advance to Development Fund	5,44,573 0 0		
Total ...	.....	55,77,864 1 10	
Trust Fund	.....	32,380 14 0	
Development Fund—			
Golanji Hill Road	1,426 10 1		
Hornby Road to Ballard Pier Road ...	6,27,300 5 6		
Mahim Park	26,744 15 4		
Mahaluxmi Overbridge	79,140 0 10		
Mahim Development	4,06,786 0 5		
Replacement of Assets	5,366 10 0		
Interest on Capital	12,14,637 10 0		
Total ...	.....	23,61,402 4 2	
Land and Buildings Fund—			
Expenditure on Works	*Cr.* 6,340 0 0	.....	
Transfer to Development Fund	7,28,068 4 1	.. ...	
Total ...	.....	7,21,728 4 1	
Worn-out Water Mains Renewal Fund—			
Expenditure on Works	.....	9,869 13 2	
Advances—			
Capital Stores Account	.....	4,68,075 8 6	
Advance from surplus Cash Balance pending raising of Loan for Subvention to house owners, etc.	.....	90,400 0 0	
Capital Account Total ..	.....	72,61,721 13 9	
C.—Suspense Account—			
Debt—Principal—Repayment of Loans .	.....	26,13,070 1 0	
Sinking Funds	.....	9,93,341 2 5	
Special Funds	. ....	12,07,228 5 3	
Surplus Funds	... ..	3,62,540 9 1	
Loan Funds	..... *Cr.*	13,86,935 8 11	
Provident Fund	.....	9,50,465 0 5	
Fines Fund	.....	45,296 10 0	
Imperial Bank of India and other Local Banks on account of Sundry Deposits.	.....	3,16,41,291 6 8	
Workshops	.....	4,16,270 9 1	
Plant and Machinery	...	63,316 3 0	
Reserve Stores Account	.....	6,92,338 11 1	
Purchase Stores Account	.....	5,67,825 2 2	
Purchase of Petrol	.....	1,39,469 8 11	
Purchase of Coal	.....	2,27,045 12 7	
Departmental Works	.....	4,80,581 1 1	
Private Works	... ..	2,28,619 2 4	
Nowroji Hill Crushers	.....	30,037 8 7	
Sewri Crushers	...	76,170 3 11	
Tar Macadam Plant at Nowroji Hill ...	.....	23,533 4 10	
„ „ „ Love Grove ...	.....	10,038 4 4	
Motor Traction	... ..	1,03,651 13 6	
Asphalt Plant	.....	4,27,675 8 11	
Municipal Contractors	... ..	8,060 14 4	
Rent Relief	.....	25,999 12 3	
Sundries—Miscellaneous Advances ...	... ..	1,71,113 2 5	
Advances—Special Funds	.....	1,21,211 2 7	
Officers—			
(*a*) Dishonoured Cheques	... ..	2,03,866 12 8	
(*b*) Standing Advance for Contingent Expenses	.....	1,518 0 0	
(*c*) Motor Cars and Cycles to Officers	.....	2,433 14 3	
(*d*) Cycle Advances to Subordinates.	.....	120 0 0	
Deposits	.. ..	62,61,121 8 8	
Cheques payable	.....	5,75,80,134 11 7	
Cash Bills Outstanding Account ...	.....	3,44,338 2 2	
C. Suspense Account Total Rs. ...	.....	10,46,32,187 9 2	

	Rs. a. p.
Bank's reconciliation:—	
*Balance as per Bank's Pass Book	13,37,137 11 10
Add—	
Revenue sent to the Bank on 28th March 1929 but acknowledged on 3rd April 1929	1,03,947 14 5
	14,41,085 10 3
Less—	
Uncashed Cheques	18,418 15 6
Balance in Bank Treasury as per Day Book (Column No. 10) ...	14,22,666 10 9
„ Office Treasury in Government Promissory Notes, etc. ... ... Rs. 75,400 0 0	
Balance in Office Treasury in Cash ... „ 816 15 4	76,216 15 4
	Rs. 14,98,883 10 1

A. R. DALAL,
Municipal Commissioner.

Appendix No. 16.

Comparison of Face, Purchase and Market Values at 31st March 1929 of the different Securities held in the following Special Funds.

Name of Fund.	Particulars of Securities.	Face value.	Purchase rate.	Actual cost at Purchase rate.	Estimated Market rates.	Value at Market rate.
		Rs.		Rs. a p.		Rs. a. p.
Municipal Fire and Accident Insurance Fund.	3½ per cent. Government Paper...	11,100	60 per cent.	6,660 0 0	71 3/16 %	7,901 13 0
	4 per cent. Loan 1960-70... ...	5,88,600	88 „	5,17,968 0 0	83⅜ %	4,90,745 4 0
	4 per cent. City Improvement Trust Debentures	16,000	Par	16,000 0 0	79½%	45,076 8 0
	Do do. ..	10,900	89 per cent.	8,900 0 0		
	Do. do. ..	7,200	88 „	6,326 0 0		
	Do. do. ...	23,500	84½ „	19,857 8 0		
	Total Rs. ..	6,56,400		5,75,721 8 0		5,43,723 9 0
Worn-out Water Mains Renewal Fund.	3½ per cent. Government Paper.	87,400	60 per cent.	52,440 0 0	71 3/16 %	62,217 14 0
	4 do. Loan 1960-70 ...	3,0,4400	88 „	2,67,872 0 0	83⅜ %	2,53,793 8 0
	Total Rs. ...	3,91,800		3,20,312 0 0		3 16,011 6 0
Net Premia, &c., on different Municipal Loans Fund.	3½ per cent. Government Paper.	2,76,900	60 per cent.	1,66,140 0 0	71 3/16 %	1,97,118 3 0
	3 do. do. ...	900	48 „	432 0 0	61 %	549 0 0
	4 do. Loan 1960-70 ..	8,83,800	88 „	7,77,744 0 0	83⅜ %	7,36,868 4 0
	5 do. Government War Loan 1929-1947	6,81,400	95½ „	6,50,737 0 0	98⅞ %	6,73,734 4 0
	5 per cent. Ten year Bonds 1935	500	96 „	480 0 0	99¾ %	498 12 0
	Total Rs. ..	18,43,500		15,95,533 0 0		16,08,768 7 0
Municipal Lands and Buildings Fund.	3½ per cent. Government Paper.	26,500	60 „	15,900 0 0	71 3/16 %	18,864 11 0
	4 per cent. City Improvement Trust Debentures	1,44,200	Par.	1,44,200 0 0	79½ %	1,14,639 0 0
	4 per cent. Loan 1960-70 ..	83,500	88 per cent.	73,480 0 0	83⅜ %	69,618 2 0
	5 per cent. Government War Loan 1929-47	1,02,200	95½ „	97,601 0 0	98⅞ %	1,01,050 4 0
	Total Rs. ...	3,56,400		3,31,181 0 0		3,04,172 1 0
Provident Fund ...	3½ per cent. Government Paper.	10,38,200	60 per cent.	6,22,920 0 0	71 3/16%	9,42,807 4 0
	Do. do. ..	1,57,000	75⅝ „	1,18,731 4 0		
	Do. do. ...	1,29,200	75-14-6 „	98,070 14 0		
	4 per cent. City Improvement Trust Debentures	1,35,000	Par.	1,35,000 0 0	79½ %	1,07,325 0 0
	6½ per cent. Bombay Development Loan	5,27,500	Par.	5,27,500 0 0	107 5/16 %	5,66,073 7 0
	5 year Postal cash certificates.	10,000	77½ per cent.	7,750 0 0	77½ %	7,750 0 0
	4 per cent. Loan 1960-70 ...	44,100	88 „	38,808 0 0	83⅜ %	2,86,893 6 0
	Do. do. ...	3,00,000	88⅜ „	2,65,125 0 0		
	5 do. Bonds 1935	56,000	96 „	53,760 0 0	99¾ %	55,860 0 0
	5 do. Government War Loan 1929-47	6,73,000	95½ „	6,42,715 6 0	98⅞ %	12,18,931 0 0
	5 per cent. Government War Loan 1929-47.	5,59,800	95 1/16 „	5,35,658 10 0		
	Total Rs. ...	36,29,800		30,46,038 12 0		31,85,640 1 0
Fines Fund	6½ per cent. Bombay Development Loan	54,400	Par.	54,400 0 0	107 5/16 %	58,378 0 0
	4 per cent. Loan, 1960-70 ...	2,62,400	88 per cent.	2,30,912 0 0	83⅜ %	2,18,776 0 0
	4 per cent. City Improvement Trust Debentures	50,000	Par.	50,000 0 0	79½ %	39,750 0 0
	3½ per cent Government Paper.	27,100	60 per cent.	16,260 0 0	71 3/16%	19,291 13 0
	Total Rs. ...	3,93,900		3,51,572 0 0		3,36,195 13 0
Plant and Machinery Depreciation Fund.	4 per cent. Loan, 1960-70 ...	11,55,700	88 per cent.	10,17,016 0 0	83⅜ %	9,63,564 14 9
	4 per cent. City Improvement Trust Debentures	2,39,800	Par.	2,39,800 0 0	79½ %	1,90,641 0 0
	5 per cent. Government War Loan 1929-47	2,05,100	95 1/16 per cent.	1,96,255 1 0	98⅞ %	5,41,340 10 0
	Do.	3,42,400	95½ „	3,26,992 0 0		
	6½ per cent. Bombay Development Loan	500	Par.	500 0 0	107 5/16 %	536 9 0
	Total Rs. ...	19,43,500		17,80,563 1 0		16,96,083 1 0
Renewal of Road Surfaces Fund.	4 per cent. Loan 1960-70 ...	5,71,600	88 per cent.	5,03,008 0 0	83⅜ %	4,76,571 8 0
	Grand Total ...	97,86,900		85,03,929 5 0		84,67,165 14 0

M. R. TAMBE,
Chief Accountant.

A. R. DALAL,
Municipal Commissioner.

Appendix No. 16A.

Comparison of Face, Purchase and Market Values at 31st March 1929 of the different Securities held in the Sinking Funds.

N.B.—Special attention is invited to para. 23 of Chief Accountant's Report.

Name of Fund.	Particulars of Securities.	Face value.		Book value at par.	Market rates per cent.	Value at Market rates. (Municipal Debentures being valued at par.)
		Rs.		Rs. a. p.		Rs. a. p.
Sinking Funds.	5 per cent. Municipal Debentures	56,03,500	Par.	56,03,500 0 0	Par.	56,03,500 0 0
	4 per cent. Municipal Debentures	1,31,64,700	„	1,31,64,700 0 0	„	1,31,64,700 0 0
	6 per cent. Municipal Debentures	7,19,500	„	7,19,500 0 0	„	7,19,500 0 0
	4 per cent. Government conversion Loan.	9,40,500	94¼	8,86,421 4 0	92	8,65,260 0 0
	4 per cent. Bombay Improvement Trust Debentures.	21,69,500	84¼	18,27,803 12 0	79½	17,24,752 8 0
	4 per cent. Bombay Improvement Trust (coupon) Debentures.	1,23,400	84¼	1,03,964 8 0	79½	98,103 0 0
	4 per cent. Loan 1960-70 ...	28,16,700	87⅝	24,68,133 6 0	83⅜	23,48,423 10 0
	5 per cent. Bonds 1935	7,62,500	101	7,70,125 0 0	99¾	7,60,593 12 0
	5 per cent. Government War Loan 1929-47.	63,100	100 5/16	63,297 3 0	98⅞	62,390 2 0
	4 per cent. Bombay Improvement Trust Sterling Loan.	£ 25,000	@£ 80 at 1s. 6d.	2,66,666 10 8	@ £ 60% at 1s. 5 3/32 d.	2,00,347 13 2
	4½ per cent. India Sterling Loan 1950-55.	£ 322,600	@£ 93⅞ at 1s. 6d.	40,37,876 10 8	at £ 90¼ at 1s. 5 3/32 d.	38,88,704 8 11
	Total Rs. ...	2,63,63,400		2,99,11,988 6 4		2,94,36,275 6 1
	£ ...	347,600				
Sinking Fund Investments Reserve Fund.	4 per cent. Loan 1960-70 ...	17,800	Par.	17,800 0 0	83⅜	14,840 12 0
	4 „ „ ..	9,34,000	88	8,21,920 0 0	83⅜	7,78,722 8 0
	5 per cent. Bonds 1935	16,000	96	15,360 0 0	99¾	15,960 0 0
	Total Rs. ...	9,67,800		8,55,080 0 0		8,09,523 4 0
	GRAND TOTAL Rs. ..	2,73,31,200		3,07,67,068 6 4		3,02,45,798 10 1
	£ ...	347,600				

M. R. TAMBE,
Chief Accountant.

A. R. DALAL,
Municipal Commissioner.

Appendix No. 16—B.

Statement showing the amount of and object for which the donations held under Public Monuments Maintenance Fund were received from different parties up to 31st March 1929.

Name of donor	Object for which the donation is given.	Particulars of Securities.	Face value.	Book value.
			Rs. a. p.	Rs. a. p.
Sir Mangaldas Nathoobhoy	Donation for the maintenance of Sir Mangaldas Nathoobhoy Clock at Mumbadevi.	3½ per cent. Government Paper, 1879	500 0 0	500 0 0
The Secretary, Tata Memorial	Donation for the maintenance of J. N. Tata Statue ..	3½ „ „ „ 1900-01 ..	1,200 0 0	1,200 0 0
The Secretary, Ranade Memorial.. ..	Donation for the maintenance of Ranade Statue.. ..	4 per cent. Bombay Improvement Trust Loan due 1962.	1,000 0 0	1,200 0 0
		3½ per cent. Government Paper, 1900-1.. ..	200 0 0	
Mr. P. J. Mistri	Donation for the maintenance of N. M. Petit Statue at Gowalia Tank Road.	3½ „ „ „ 1900-1.. ..	2,000 0 0	3,000 0 0
		3½ „ „ „ 1879	1,000 0 0	
Messrs. J. D. Framroz, R. B. Jeejeebhoy and P. C. Sethna.	Donation for the maintenance of Sir D. M. Petit Statue ..	4 per cent. Loan 1960-70	2,400 0 0	2,112 0 0
Mr. Cassumally Jairajbhoy Peerbhoy ..	Donation for the maintenance of a fountain at the junction of Hornby Road and Palton Road.	5 per cent. Indian War Loan 1929-47	5,500 0 0	5,500 0 0
The Secretary, Montague Memorial Fund.	Donation for the maintenance of the Montague Statue at the junction of Marine Lines and Church Gate Street.	5 per cent. Tax-free loan 1945-55	2,000 0 0	2,000 0 0
Mr. Surajmal Hanmantrai..	Donation for the maintenance of a public fountain at Princess Street.	5 per cent. War Loan 1929-47	2,600 0 0	2,660 0 0
		3½ per cent. Government Paper..	100 0 0	
„ Chaturbhuj Jivandas	Donation for the maintenance of the new Bandstand at Chowpati.	4 per cent. Government Loan 1960-70 ..	400 0 0	352 0 0
„ Jamnadas Dwarkadas	Donation for the maintenance of a water trough for watering Victoria horses and bullocks at the junction of Colaba and Pilot Bunder Roads.	Do. do.	400 0 0	352 0 0
Dr. K. E. Dadachanji	Donation for the maintenance of a fountain at the junction of Frere Road and Carnac Bridge.			7,230 0 0
Mr. D. P. Kothare	Donation for the maintenance of a fountain at Mint Road.			
„ K. D. Dhuru	Donation for the maintenance of a fountain at the junction of old Purbhadevi and Cadell Road.	4 per cent. Government Loan 1960-70 ..	15,200 0 0	1,570 0 0
„ Gokuldas Karsondas Shroff	Donation for the maintenance of a cattle trough and drinking fountain at Lady Jamshedji Road.	3½ per cent. Government Paper	100 0 0	452 0 0
				1,001 0 0
„ Fattechand Revaldas	Donation for the maintenance of a fountain at Narayan Dhuru Street.			353 0 0
„ Hansraj Pragji	Donation for the maintenance of a cattle trough at Clerk Road.			2,830 0 0
		Carried forward ..	34,600 0 0	32,312 0 0

Appendix No. 16 B.—*concluded.*

Name of donor.	Object for which the donation is given.	Particulars of Securities.	Face value.	Book value.
		Brought forward ..	Rs. a. p. 34,600 0 0	Rs. a. p. 32,312 0 0
Mr. F. P. Pavri	Donation for the maintenance of a drinking fountain at the junction of Cadell Road and Old Purbhadevi Road.	4 per cent. Loan 1960-70	600 0 0	528 0 0
The Secretary, Dr. Dadabhoy Naoroji Memorial Fund.	Donation for the maintenance of the Statue of Dr. Dadabhoy Naoroji.	4 per cent. „ „	1,400 0 0	1,232 0 0
		Total ..	36,600 0 0	34,072 0 0
Rao Bahadur Ellappa Balaram	Donation for the maintenance of a Charitable Dispensary at Kamathipura.	4 per cent. Bombay Improvement Trust Loan due 1966.	5,000 0 0	19,500 0 0
		4 per cent. Bombay Improvement Trust Loan due 1972.	14,500 0 0	
Bai Lingooba, widow of Rajanna Jalooji..	Do. do.	3½ per cent. Government Paper 1854-55 ..	10,700 0 0	10,700 0 0
Colaba Free Dispensary	Donation for the maintenance of Assets of the dispensary taken over by the Municipality on its taking over the dispensary.	6½ per cent. Bombay Development Loan due 1935.	1,000 0 0	1,000 0 0
Joint Honorary Secretaries and Treasurers, George V Anti Tuberculosis League.	Donation for the maintenance of Assets transferred to the Municipality on its taking over the League.	3½ per cent. Government Paper 1900-1 ..	1,000 0 0	21,000 0 0
		4 per cent. Municipal Debentures due 1954 ..	20,000 0 0	
Mr. Shapurji Sorabji	Donation in connection with the house in Khetwadi given by him for having used as a Maternity Home.	3½ per cent. Government Paper 1854-55 ..	5,000 0 0	10,000 0 0
		3½ per cent. „ „ 1879	5,000 0 0	
Messrs. Little & Co.	Amount representing balance out of the Amount set apart for the purchase of Bai Gowrabai Dispensary Building at Kamathipura.	4 per cent. Loan 1960-70	2,900 0 0	2,552 0 0
Do.	Donation for meeting charges for repairs, etc., to Bai Gowrabai Dispensary at Kamathipura.	5 per cent. Bonds 1945-55	5,000 0 0	5,000 0 0
		Total ..	70,100 0 0	69,752 0 0
		Grand Total Rs. ..	1,06,700 0 0	1,03,824 0 0

M. R. TAMBE,
Chief Accountant.

A. R. DALAL,
Municipal Commissioner.

Appendix No. 16 C.

Statement showiug the amounts of and object for which the endowments held under Endowments Fund were received from different parties upto 31st March 1929.

Name of donor.	Object for which the endowment is given.	Particulars of securities.	Face value.	Book value.
			Rs.	Rs. a.
Mr. Lalji Naranji	" Lalji Naranji Scholarship " at G. S. M. College	4 per cent. Loan 1960-70	4 500	3,960 0
,, Chaturbhuj Gordhandas Sunderdas	" Chaturbhuj Gordhandas Sunderdas Scholarship " and " Bai Gangabai Gordhandas Sunderdas Scholarship" at G. S. M, College.	Do. do.	9,100	8,908 0
Do.				
,, Tulsidas H. Parekh	" Bai Bachubai Thakurdas Parekh Entrance Scholarship" at G. S. M. College.	Do. do.	3,700	3,256 0
,, Jehangir Rattanshaw Dadabhoy ..	" Rattanshaw Dadabhoy Scholarship " at G. S. M. College..	De. do.	3,900	3,432 0
Dr. (Mrs.) Dossibai Jehangir Rattanshaw Dadabhoy, M.D., M.R.C.P. (Lond.)	"Awabai Rattanshaw Dadabhoy Scholarship " at G. S. M. College.	Do. do.	3,900	3,432 0
The Honorary Staff and Professors of the K. E. M. Hospital and G. S. M. College.	" Bahadurji Memorial Scholarship in Surgery " at G. S. M. College.	Do. do.	3,900	3,432 0
Dr. N. A. Purandare	" Savitribai Purandare Prize " at K. E. M. Hospital ..	Do. do	300	300 0
The Bhawnagar Durbar	" Bhawnagar State Entrance Scholarship " at G. S. M. College.	Do. do.	5,600	4,928 0
H. H. the Maharana, Shri Sir Doulatsingji K.C.I.E., Thakore Saheb of Limbdi.	Awarding gold medal and a miniature replica of the Challenge Cup.	5 per cent. Tax free Loan 1945-55	1,800	1,800 0
Messrs. Ardeshir Hormasji Dinshaw and Co., on behalf of the Advocate-General.	Donation for the grant of free warm clothing to patients discharged from K. E. M. Hospital out of interest realised on securities.	3½ per cent. Government Paper 1879	10,000	38,584 0
		do. do. 1900-1.. ..	18,600	
		6½ per cent. Bombay Development Loan due 1935.	4,000	
		4 per cent. Loan 1960-70	6,800	
Mr. Mansukhlal Chaganlal	Donation towards the Poor Box Charity Fund at K. E. M. Hospital.	4 per cent. Loan 1960-70	5,700	5,058 12
	Balance out of the donations received during the Influenza Epidemic invested in Securities, the interest being utilised for augmenting the Poor Box Charity Fund at K. E. M. Hospital (Corporation Resolution No. 13650 dated 12th March 1928).	Do. do.	5,800	5,104 0
			87,600	81,294 12

M. R. TAMBE,
Chief Accountant,

A. R. DALAL,
Municipal Commissioner.

Appendix

STATEMENT showing the quantity and value of several articles upon which Town Duty was

Duty Collected by	Grain and Pulse at 6 Annas per Candy.			Flours of all sorts at 75 per cent. of the rate at the time being levied on the grain from which the flour is prepared.			Wines and Spirits at 4 Annas per Gallon.			Beer at 6 Pies per Gallon.		
	Candies.	Furrás.	Amount of Duty.	Candies.	Furrás.	Amount of Duty.	Gallons.	Pints.	Amount of Duty.	Gallons.	Pints.	Amount of Duty.
I. Bombay Port Trust.			Rs. a. p.			Rs. a. p.			Rs. a. p.			Rs. a. p.
Months.												
April 1928	82,421	3 3/5	30,908 0 9	....	..	.....	33,000	2	8,250 1 0	96,784	..	3,024 8 0
May ,, ...	73,382	2 5/5	27,518 5 11	....	..	.....	31,197	4 1/2	7,799 6 3	89,566	..	2,798 15 0
June ,, ...	1,14,721	6 1/5	43,020 10 9	....	..	.....	26,995	3 1/2	6,748 13 9	86,706	..	2,709 9 0
July ,, ...	65,390	1 3/5	24,521 4 11	....	..	.....	19,441	..	4,860 4 0	75,582	..	2,365 1 0
August ,, ...	1,36,404	7 3/5	51,151 13 6	....	..	.....	22,649	6	5,662 7 0	1,56,316	..	4,884 14 0
September ,, ...	1,46,953	5 3/5	55,107 9 11	....	..	.....	28,819	4	7,204 14 0	1,18,070	..	3,689 11 0
October ,, ...	62,873	5 1/5	23,577 9 10	....	..	.....	31,125	3	7,781 5 6	99,552	..	3,111 0 0
November ,, ...	41,781	2 3/5	15,667 15 11	....	..	.....	34,209	3 1/2	8,552 5 9	97,520	..	3,047 8 0
December ,, ...	1,21,848	5	45,693 3 9	....	..	.....	28,460	6	7,115 8 0	1,08,393	4	3,387 4 9
January 1929	1,58,359	5 7/5	59,384 14 4	....	..	.....	44,626	..	11,156 8 0	1,46,212	..	4,569 2 0
February ,, ...	1,67,875	2	62,953 3 6	....	..	.....	36,026	3 3/5	9,006 9 9	88,360	..	2,761 4 0
March ,, .. .	2,01,767	1	75,640 2 9	....	..	.....	39,743	7 1/2	9,935 15 9	1,06,369	..	3,324 0 6
Total ..	13,73,719	77/5	5,15,144 15 10	..	..	.....	3,76,295	3 1/2	94,073 13 9	12,69,530	4	39,672 13 3
II. G. I. P. Railway.												
April 1928	87,273	5 2/5	32,727 10 0	....	3 5/5	0 2 0	34	..	8 8 0	....	..	.....
May ,, ...	97,377	4	36,516 9 0	....	..	.....	21,883	5 3/5	5,472 5 10	16	..	0 8 0
June ,, ...	42,535	5 2/5	15,950 14 0	10	1 1/5	2 14 0	25,946	3 1/5	6,486 9 7	....	..	.....
July ,, ...	53,399	1 3/5	20,024 11 0	21	2 1/5	6 0 0	12,272	..	3,068 0 0	104	..	3 4 0
August ,, ...	25,766	5 4/5	9,662 8 0	....	..	.....	17,865	..	4,466 4 0	....	..	.....
September ,, ...	30,609	..	11,478 6 0	....	..	.....	22,955	4/5	5,738 12 5	....	..	.....
October ,, ...	79,243	4	29,716 5 0	....	..	.....	230	-	57 8 0	8	..	0 4 0
November ,, ...	34,485	5 1/5	12,932 2 0	....	3 5/5	0 2 0	57,313	4/5	14,328 4 5	....	..	.....
December ,, ...	49,805	6 4/5	18,677 3 0	5	4 4/5	1 9 0	20,310	2 1/5	5,077 9 2	....	..	.....
January 1929	50,386	2 1/5	18,894 14 0	4	5 1/5	1 5 0	10,794	2 1/5	2,698 9 8	....	..	.....
February ,, ...	59,096	1 3/5	22,161 1 0	1	6 3/5	0 8 0	27,103	..	6,775 12 0	....	..	.....
March ,, ...	81,609	2 4/5	30,603 8 0	....	..	.....	16,575	5 1/2	4,143 14 9	....	..	.....
Total .	6,91,588	4	2,59,345 11 0	44	3 5/5	12 8 0	2,33,288	4 2/5	58,322 2 5	128	..	4 0 0
III. B. B. & C. I. Railway.												
April 1928	62,494	7 1/5	23,435 9 6	.. ..	..	.....	2,558	..	639 8 0	....	..	.....
May ,, ...	1,00,289	7 3/5	37,608 11 7	....	..	.....	6,948	6	1,737 3 0	....	..	.....
June ,, ...	58,149	3 1/5	21,806 0 6	....	..	.....	2,829	..	707 4 0	....	..	.....
July ,, ...	29,638	4 1/5	11,114 7 7	....	..	.....	5,209	2	1,302 5 0	.....	..	.....
August ,, ...	16,375	4 3/5	6,140 13 8	....	..	.....	2,839	2	709 13 0	....	..	.....
September ,, .. .	19,477	7 3/5	7,304 3 7	....	..	.....	2,670	2	667 9 0	....	..	.. ..
October ,, ...	34,061	8	12,772 14 0	....	..	.....	470	.	117 8 0	....	..	.....
November ,, ...	19,577	5 3/5	7,341 10 2	....	..	.....	2,916	6	729 3 0	....	..	. ....
December ,, ...	32,430	4 3/5	12,161 7 8	....	..	.....	6,246	..	1,561 8 0	....	..	.....
January 1929	19,674	5 3/5	7,378 0 0	....	.	.....	3,050	..	762 8 0	....	..	.....
February ,, ...	12,079	4	4,529 13 0	....	..	.....	5,590	4	1,397 10 0	....	..	.....
March ,, ...	20,843	7 1/5	7,816 7 7	....	..	.....	3,348	2	837 1 0	....	..	.....
Total ..	4,25,093	5 3/5	1,59,410 2 5	....	..	.....	44,676	..	11,169 0 0	..	..	.....
GRAND TOTAL ..	24,90,402	1 3/5	9,33,900 13 8	.. 44	3 5/5	12 8 0	6,54,260	1/2	1,63,565 0 2	12,69,658	4	39,676 13 3
Deduct— Refund passed by the Town Duty Refund Officer	10,64,467	6 4/5	3,99,175 7 0	1,37,090	1 2/5	38,356 10 0	50,436	6	12,609 3 0	4,74,158	..	14,817 7 0
Net Revenue ..	14,25,934	8	5,34,725 6 3	1,37,045	6 2/5	—38,544 2 0	6,03,823	2 1/2	1,50,955 13 2	7,95,500	4	24,859 6 3

	Rs. a. p.	Rs. a. p.	Rs. a. p.
Balance of collections on 31st March 1928 due by—			
Port Trust	1,835 10 3		
G. I. P. Railway	23,075 8 7		
B. B. & C. I. Railway	1,072 13 0		
		25,983 15 10	
Add—			
Collections for 1928-1929—			
Port Trust	23,75,518 11 6		
G. I. P. Railway	3,83,191 11 5		
B. B. & C. I. Railway	2,64,056 6 5		
		30,22,766 13 4	
Commission charges bill for February 1928, from B. B. & C. I. Railway recovered in March 1928 but adjusted in the year 1928-29	820 3 0		
Commission charges bill for February 1929 from B. B. & C. I. Railway recovered in April 1929 but adjusted in the year 1928-29 ..	367 13 0		
		1,188 0 0	
			30,49,938 13 2
Deduct—			
Refunds paid in 1928-1929		14,48,626 2 0	
Balance of collections on 31st March 1929, due by— Rs. a. p.			
Port Trust 14,423 9 3			
G. I. P. Railway 38,175 9 6			
B. B. & C. I. Railway .. 729 10 0			
	53,328 12 9		
Commission charges bill for March 1929 from G. I. P. Railway recovered in March 1929 but adjusted in the year 1929-30	1,307 6 4		
		54,636 3 1	
			15,03,262 5 1
Total Rs. ...			15,46,676 8 1

vide Appendix No. 3.

M. R. TAMBE,
Chief Accountant.

No. 17.

levied during 1928-29 under Section 192 (1) of the City of Bombay Municipal Act of 1888.

Sugar at 8 Annas per Cwt.				Ghee at 10 Annas per Bombay Maund			Timber at 2½ per cent. on Market Value.		Firewood at 2 Annas per Candy.			Total Monthly Collections.
Cwts.	qrs.	lbs.	Amount of Duty.	Maunds.	Seers.	Amount of Duty.	Value.	Amount of Duty.	Candies.	Maunds.	Amount of Duty.	
			Rs. a. p.			Rs. a. p.	Rs. a. p.	Rs. a. p.			Rs. a. p.	Rs.
1,25,515	2	7	62,757 12 6	17,489	26	10,918 8 6	8,61,752 14 8	21,543 13 2	35,229	14	4,403 11 0	1,41,806 6 11
1,31,984	2	7	65,992 4 6	19,924	19	12,452 12 9	9,27,375 0 0	23,184 6 0	19,676	..	2,459 8 0	1,42,305 10 5
10,268	0	21	5,131 9 6	9,748	36	6,089 15 0	7,56,916 10 8	18,922 14 8	2,430	..	303 12 0	82,927 4 8
3,82,258	3	7	1,91,129 6 6	3,090	13½	1,931 7 4	8,80,367 11 4	22,009 3 1	230	..	28 12 0	2,46,845 0 10
1,65,601	3	3½	82,800 14 3	5,712	37	3,570 9 3	1,80,472 11 4	4,511 13 1	44	..	5 8 0	1,52,587 15 1
1,23,924	2	17½	63,462 5 3	13,392	23	8,370 5 9	3,47,704 12 8	8,692 9 11	73	..	9 2 0	1,46,536 9 10
2,90,213	0	7	1,45,106 8 6	20,065	35	12,541 2 9	7,04,482 8 0	17,612 1 0	2,686	14	335 13 0	2,10,065 8 1
4,40,993	2	21	2,20,496 13 6	23,256	37	14,535 9 3	7,53,964 9 4	18,849 1 10	17,650	3½	2,206 4 3	2,55,355 10 6
2,03,071	1	24½	1,01,535 11 9	22,050	3	13,781 4 9	9,12,498 5 4	22,812 7 4	19,963	..	2,495 6 0	1,96,820 3 4
4,35,030	1	21	2,17,515 3 6	26,052	32	17,520 8 0	10,73,761 7 4	26,844 0 7	20,112	14	2,514 1 0	5,39,804 5 5
1,80,755	3	24½	90,377 15 9	16,666	20	10,416 9 0	8,03,699 6 0	20,092 7 9	24,272	..	3,034 0 0	1,98,642 1 9
2,20,650	2	24½	1,10,325 5 9	17,084	30	10,677 15 6	8,46,187 14 8	21,154 11 2	25,303	10½	5,162 14 9	2,34,221 2 2
27,13,263	3	17½	13,56,631 15 3	1,96,490	31½	1,22,806 11 10	90,49,183 15 4	2,26,229 9 7	1,67,670	..	20,958 12 0	23,76,518 11 6
8,295	3	0	4,147 14 0	2,540	17	2,212 12 3	.....	....	307	..	38 6 0	39,135 4 3
6,972	1	14	3,486 3 0	2,990	2	1,868 12 6	700 0 0	17 8 0	100	..	12 8 0	47,374 7 4
4,135	2	14	2,067 13 0	1,810	23	1,131 9 9	505 0 0	12 10 0	281	..	35 2 0	25,687 8 4
6,134	2	14	3,067 5 0	2,684	31	1 677 15 9	250 0 0	6 4 0	89	..	11 2 0	27,864 9 9
9,010	0	0	4,505 0 0	3,202	37	2,001 13 3	.....	....	134	..	16 12 0	20,852 5 3
6,797	3	0	3,398 14 0	1,588	25	992 14 3	690 0 0	17 4 0	....	..	....	21,626 2 3
7,017	3	14	3.508 15 0	4,399	12	2,749 9 0	1,400 0 0	35 0 0	....	..	....	36,067 9 0
7,702	3	0	3,851 6 0	2,378	8	1,487 0 0	.....	..	100	..	12 8 0	32,611 6 5
9,622	0	14	4,811 1 0	2,667	20	1.667 3 0	805 0 0	20 2 0	570	..	71 4 0	30,325 15 2
6,852	3	0	3,426 6 0	2,797	14	1,748 5 6	810 0 0	20 4 0	591	..	73 14 0	26,863 9 9
7,776	0	0	3,888 0 0	3,642	3	2,276 14 9	200 0 0	5 0 0	699	14	87 7 0	35,194 10 9
4,396	0	14	2,198 1 0	4,300	20	2,687 13 0	600 0 0	15 0 0	1,119	..	139 14 0	39,7?8 2 9
84,713	3	0	42,356 14 0	36,004	12	22,502 11 0	5,960 0 0	149 0 0	3,990	14	498 13 0	3,83,191 11 5
8	1	0	4 2 0	9,618	38	6,011 13 6	7,700 0 0	192 8 0	12,397	..	1,549 10 0	31,833 3 0
9	2	0	0 4 0	7,166	..	4,478 12 0	7,900 0 0	197 8 0	11,715	..	1,464 6 0	45,486 12 7
.....			.....	11,065	2	6,915 10 6	5,600 0 0	140 0 0	11,021	..	1,377 10 0	30,946 9 9
23	0	14	11 9 0	8,946	8	5,591 6 0	1,800 0 0	45 0 0	7,600	..	950 0 0	19,014 11 7
.....			.....	13,176	38	8,235 9 6	2,600 0 0	65 0 0	11,519	..	1,439 14 0	16,591 2 2
.....			.....	10,596	28	6.622 15 0	3,300 0 0	82 8 0	11,344	..	1,418 0 0	16,095 2 7
.....			.....	8,963	28	5,602 5 0	3,050 0 0	76 4 0	16,516	..	2,064 8 0	20,633 7 0
.....			.....	5,756	8	3,597 10 0	1,975 0 0	49 6 0	14,919	..	1,864 14 0	13,582 11 2
32	1	14	16 3 0	6,458	18	4,036 8 6	10,700 0 0	267 8 0	14,455	..	1,806 14 0	19,850 0 9
5	1	14	2 11 0	12,530	16	7,831 8 0	14,050 0 0	351 4 0	22,055	..	2,756 14 0	19,082 13 0
.....			.....	9,453	8	5,908 4 0	12,100 0 0	302 8 0	14,338	..	1,792 0 0	13,939 3 0
6	1	0	3 2 0	10,151	12	6,344 9 0	3,845 0 0	96 2 0	15,298	..	1,912 4 0	17,009 9 7
75	3	14	37 15 0	1,13,883	4	71,176 15 0	74,620 0 0	1,865 8 0	1,63,175	..	20,396 14 0	2,64,056 6 5
27,98,058	2	3½	13,99,026 12 3	3,46,378	7½	2,16,486 5 10	91,29,763 15 4	2,28,244 1 7	3,34,835	14	41,854 7 0	30,22,766 13 4
19,25,341	1	0	9,62,670 10 0	19,651	28	12,282 5 0	22,76,905 0 0	56,922 10 0	....	..	.....	14.97,034 4 0
8,72,712	1	3½	4,36,356 2 3	3,26,726	19½	2,04,204 0 10	68,52,858 15 4	1,71,321 7 7	3,34,835	14	41,854 7 0	15,25,732 9 4

A. R. DALAL,
Municipal Commissioner.

Appendix

Statement showing Town Duty collected on Cotton and Commission, etc., charges paid

Town Duty on Cotton } collected by	Bombay Port Trust.		G. I. P. Rly.		B. B. & C. I. Rly.	
	No. of Bales.	Amount of Cotton Duty.	No. of Bales.	Amount of Cotton Duty.	No. of Bales.	Amount of Cotton Duty.
		Rs. a. p.		Rs. a. p.		Rs. a. p.
April 1928	52,328	52,328 0 0	2,08,952	2,08,952 0 0	1,58,122	1,58,122 0 0
May ,, ...	1,03,062	1,03,062 0 0	1,33,288	1,33,288 0 0	1,06,889	1,06,889 0 0
June ,, ...	75,648	75,648 0 0	54,092	54,092 0 0	36,100	36,100 0 0
July ,, ...	67,298	67,298 0 0	28,771	28,771 0 0	12,501	12,501 0 0
August ,, ...	7,231	7,231 0 0	8,01	8,010 0 0	2,430	2,430 0 0
September ,, ...	2,033	2,033 0 0	13,680	13,680 0 0	2,740	2,740 0 0
October ,, ...	1,970	1,970 0 0	40,492	40,492 0 0	17,449	17,449 0 0
November ,, ...	5,345	5,345 0 0	2,01,616	2,01,616 0 0	14,635	14,635 0 0
December ,, ...	15,902	15,902 0 0	4,10,600	4,10,600 0 0	45,724	45,724 0 0
January 1929	27,615	27,615 0 0	4,22,532	4,22,532 0 0	85,315	85,315 0 0
February ,, ...	28,578	28,578 0 0	2,79,205	2,79,205 0 0	98,924	98,924 0 0
March ,, ...	30,939	30,939 0 0	3,51,540	3,51,540 0 0	2,02,326	2,02,326 0 0
Total Rs.	4,17,949	4,17,949 0 0	21,52,778	21,52,778 0 0	7,83,155	7,83,155 0 0

Commission, etc., charges on Cotton Duty collected by :—

Months.	Bombay Port Trust.	G. I. P. Rly.	B. B. & C. I. Rly.	Sundries.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
April 1928	1,088 12 2	9,211 11 0	1,805 12 3	.....	12,106 3 5
May ,, ...	1,585 2 3	6,911 15 0	2,768 14 0	.....	11,265 15 3
June ,, ...	2,975 5 0	5,817 7 0	4,926 7 0	.....	13,719 3 0
July ,, ...	2,398 14 9	1,206 15 0	3,445 7 0	0 6 0	7,051 10 9
August ,, ...	1,984 2 3	565 2 11	1,407 11 0	.....	3,957 0 2
September ,, ...	283 3 2	192 0 6	500 15 0	.....	976 2 8
October ,, ...	60 4 4	422 8 4	48 5 0	0 5 0	531 6 8
November ,, ...	57 2 11	1,504 0 5	505 6 0	2 2 0	2,068 11 4
December ,, ...	157 13 9	6,721 5 3	.....	.....	6,879 3 0
January 1929	445 10 11	14,179 0 10	453 10 0	.....	15,078 5 9
February ,, ...	807 13 0	7,525 7 0	1,189 11 0	0 5 0	9,523 4 0
March ,, ...	865 10 4	11,392 2 3	2,444 11 0	1 12 0	14,704 3 7
Total Rs.	12,709 14 10	65,649 11 6	19,496 13 3	4 14 0	97,861 5 7

M. R. TAMBE,
Chief Accountant.

No. 18.

for the year 1928-29.

Sundries.			Grand Total.							
Rs.	a.	p.	Rs.	a.	p.				Rs.	a. p.
.....			4,19,402	0	0	Total collection of Cotton Duty for 1928-29			33,53,883	8 0
.....			3,43,239	0	0	*Add*— Outstanding balance on 31st March 1928 due by—				
.....			1,65,840	0	0		Rs.	a. p.		
.....			1,08,570	0	0	Port Trust	1,966	0 0		
.....			17,671	0	0	G. I. P. Railway	1,86,908	0 0		
.....			18,453	0	0	B. B. & C. I. Railway	26,759	0 0		
.....			59,911	0	0				2,15,633	0 0
.....			2,21,596	0	0				35,69,516	8 0
.....			4,72,226	0	0	*Deduct*— Outstanding balances on 31st March 1929 due by—				
.....			5,35,462	0	0		Rs.	a. p.	Rs. a. p.	
.....			4,06,707	0	0	Port Trust	2,045	0 0		
1	8	0	5,84,806	8	0	G. I. P. Railway	3,28,431	0 0		
1	8	0	33,53,883	8	0	B. B. & C. I. Railway	21,290	0 0	3,51,766	0 0
						Total amount of commission, etc., charges for the collection of Cotton Duty recovered during 1928-29			97,861	5 7
									4,49,627	5 7
								Total Rs.	31,19,889	2 5

Total recoveries on account of Cotton Duty as per Sectional Ledger		31,42,615 8 2
Deduct—		
Total debit as per Sectional Ledger		22,726 5 9
	Total Rs.	31,19,889 2 5

	Rs.	a.	p.		Rs.	a.	p.	
Government share paid during 1928-29	14,31,098	10	5		31,19,889	2	5	
Government share for March 1929 paid in April 1929 ...	3,44,000	0	0		× 4			
Government share held in suspense Account pending remittance on final closing of Accounts for 1923-29 ...	7,695	2	5		7) 1,24,79,556	9	8	
				...	17,82,793	12	10	Govt. share.
					13,37,095	5	7	Munl. share, *vide*
				Total Rs.	31,19,889	2	5	Appendix No. 3.
	17,82,793	12	10	Govt. share.				

A. R. DALAL,
Municipal Commissioner.

Appendix

Income of the Bombay Municipality from the year 1865

TAXATION PROPER.

Year.	Gross Valuation.	House Rate.	Police Rate.	Lighting Rate.	Wheel Tax and Tolls.	Licenses for trades, Land Conveyances, Music, etc.	Town Duties.	Cotton Duty		Liquor Licenses.	Tobacco Licenses.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			Rs.	Rs.
1865	1,20,14,655	10,57,379	....	....	2,32,698	2,023	5,04,789			1,45,873	....
1866	1,48,94,893	7,16,004	2,93,688	98,417	3,13,330	2,72,665	5,132			46,924	1,20,390
1867	1,63,09,535	9,84,068	4,11,040	1,82,849	2,38,178	2,05,536	.....			1,04,808	1,18,426
1868	1,47,49,075	9,20,587	3,75,607	2,46,071	2,68,514	2,08,820	....			1,20,866	1,36,762
1869	1,39,41,260	7,99,306	2,59,583	2,48,406	2,57,574	1,50,351	3,03,298			2,49,077	1,51,178
1870	1,36,20,885	7,22,783	2,37,643	2,46,994	2,50,581	28,147	5,94,989			1,23,692	1,39,830
1871	1,34,26,845	6,75,489	2,30,409	2,30,256	2,05,521	7,655	4,51,496			1,15,170	1,28,046
1872	1,29,33,510	7,09,953	2,41,774	2,41,348	2,04,097	5,862	4,67,638			59,914	1,47,654
1873	1,26,71,816	7,01,013	2,37,282	2,37,050	2,16,058	87	4,46,924			2,79,074	1,48,792
1874	1,19,65,390	5,94,814	2,29,102	2,27,525	2,48,217	3,908	4,85,649			1,24,507	1,47,779
1875	1,15,55,066	5,52,738	2,20,569	2,16,652	2,45,274	594	6,72,987			1,58,980	1,45,956
1876	1,12,75,710	5,73,458	2,17,684	2,13,094	2,38,487	2,113	6,36,147			1,41,725	1,48,356
1877	1,14,77,690	5,47,541	2,20,061	2,14,670	2,44,369	1,948	7,51,019			85,697	1,49,562
		Consolidated Rate.									
1878	1,15,37,118	....	9,35,034	....	2,14,560	....	6,95,006			1,60,565	1,52,239
1879	1,14,93,417	....	10,52,773	....	2,25,569	3,563	5,33,617			1,43,750	1,65,029
1880	1,17,82,525	....	8,99,634	...	2,21,925	846	6,57,784			1,43,750	1,61,127
1881	1,17,14,470	@8°/₀	10,58,810	....	2,31,866	1,502	6,37,482			1,43,750	1,61,625
					For 15 months, i.e., from 1st January 1882 to 31st March 1883, the calendar year						
1882-83	25,80,263	....	12,34,975	....	4,12,027	....	8,17,199			1,43,750	2,06,014
1883-84	1,45,64,507	@8°/₀	9,33,538	....	2,55,227	3,417	6,67,113			1,79,687	1,74,306
1884-85	1,53,82,744	Do.	11,80,307	....	3,09,552	4,305	7,73,431			1,43,750	1,72,622
1885-86	2,00,25,223	Do.	14,61,305	....	3,32,185	4,525	6,79,293			1,43,750	1,79,177
1886-87	2,16,27,230	@8½°/₀	14,88,867	....	3,19,561	3,913	10,12,152			1,43,750	1,90,250
1887-88	2,27,92,346	@8°/₀	14,07,013	....	3,36,993	4,050	9,96,750			1,43,750	1,84,168
1888-89	2,39,51,043	Do.	14,66,024	....	3,14,571	45,471	7,25,897			1,43,750	1,91,297
1889-90	2,73,64,359	Do.	15,82,509	....	3,25,616	52,792	6,67,065			1,43,750	1,90,922
1890-91	2,82,27,355	Do.	15,64,882	....	3,56,648	60,451	9,79,520			1,43,750	1,80,284
1891-92	2,85,80,023	Do.	17,55,081	....	3,42,973	75,101	8,40,222			1,43,750	1,86,151
1892-93	2,64,03,982	Do.	17,73,501	....	3,44,905	79,376	9,73,928			1,43,750	1,86,703
1893-94	2,69,79,728	Do.	17,49,321	....	3,51,175	85,617	8,97,256			1,43,750	1,86,829
1894-95	2,76,13,741	Do.	17,49,385	....	3,56,052	95,137	8,88,542			1,43,750	2,05,348
1895-96	2,82,56,881	Do.	17,67,000	...	3,65,525	96,335	9,10,851			1,43,750	2,17,475
1896-97	2,89,27,618	Do.	17,45,829	...	2,46,681	74,085	6,45,144			1,43,750	1,82,867
1897-98	2,94,82,805	Do.	12,35,325	....	3,46,838	88,863	9,51,424			1,43,750	1,89,323
1898-99	2,98,53,636	@9°/₀	21,06,995	....	3,39,197	87,754	11,17,161			1,43,750	2,08,544
1899-1900 ..	3,05,17,091	@12°/₀	28,74,389	....	3,02,748	90,346	15,94,721			1,43,750	2,21,398
1900-1901 ..	3,13,75,106	Do.	28,94,971	....	3,21,366	95,702	11,31,371			1,43,750	2,16,939
1901-02	3,18,11,625	@10°/₀	25,72,001	....	3,40,747	92,733	8,62,128			1,43,750	2,33,065
1902-03	3,18,91,400	Do.	25,81,510	....	3,71,013	1,02,070	12,19,846			1,43,750	2,44,092
1903-04	3,44,49,599	Do.	27,64,974	....	3,28,070	1,05,611	11,68,973			1,43,750	2,40,064
1904-05	3,54,15,934	Do.	30,26,572	.....	4,19,587	1,03,772	14,16,943			1,43,750	2,60,744

No. 19.

to close of the financial year 1928-29.

	Contribution from Insurance Companies or Fire Tax.	Total taxation Proper.	Services rendered.		Total services rendered.	Miscellaneous.		Total Income.	Year.	Population by Census.	Incidence of taxation per head of population.	Five years' average annual income.
			Halalkhore Tax.	Water Tax.		Government contribution for Police and City Improvement Trust.	Returns from Property and Miscellaneous.					
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			Rs. a. p.	Rs.
..	....	19,42,762	....	1,78,719	1,78,719	....	2,42,306	23,63,787	1865	816,562	2 9 6	
....	....	18,66,545	1,92,852	6,49,121	8,41,973	....	2,06,154	29,14,672	1866	....	3 5 1	
....	....	22,44,905	1,45,824	3,73,006	5,18,830	1,50,000	1,26,789	30,40,524	1867	....	3 6 1	31,12,976
....	.. ..	22,76,927	3,91,454	4,98,377	8,89,831	2,60,129	4,25,787	38,52,674	1868	...	3 14 0	
....	....	24,18,773	2,30,562	3,62,998	5,93,560	1,09,882	2,71,011	33,93,226	1869	....	3 11 0	
....	....	23,44,659	2,13,197	3,66,986	5,80,183	1,09,882	2,73,025	33,07,749	1870	.....	3 9 3	
....	....	20,44,042	1,99,986	3,57,578	5,57,564	....	2,69,554	28,71,160	1871	....	3 2 11	
....	....	20,78,240	2,17,071	4,07,835	6,24,906	....	3,45,185	30,48,331	1872	644,405	4 3 1	31,96,534
....	....	20,66,275	2,00,590	4,00,639	6,01,229	....	4,56,604	33,24,108	1873	.....	4 7 2	
....	16,519	20,78,020	1,92,235	3,63,087	5,55,322	....	3,47,980	29,81,322	1874	....	4 1 4	
...	14,355	22,28,085	1,94,215	3,00,212	4,94,427	90,000	3,31,014	31,43,526	1875	....	4 3 7	
....	13,922	21,84,986	2,04,077	3,08,377	5,12,454	90,000	3,90,283	31,77,723	1876	....	4 2 11	
....	19,164	22,34,031	2,01,299	3,11,823	5,13,122	90,000	4,04,299	32,41,452	1877	....	4 4 2	
												32,09,805
....	22,573	21,79,968	1,95,380	2,92,780	4,88,160	90,000	3,87,025	31,45,153	1878	....	4 2 2	
....	20,761	21,45,062	2,42,015	3,54,798	5,96,813	90,000	5,09,299	33,41,174	1879	....	4 4 0	
....	23,911	21,18,977	2,03,047	3,90,703	5,93,750	75,000	4,64,173	32,51,870	1880	....	4 6 4	
....	24,059	22,59,094	2,81,805	5,24,819	8,06,624	50,000	7,57,976	38,73,694	1881	773,196	3 15 5	
being changed to the financial year the income was as follows:—												39,37,943
....	32,000	28,45,965	3,28,916	6,70,677	9,99,593	91,125	6,75,575	46,19,240	1882-83	....	4 15 6	
....	24,708	22,87,996	2,43,557	5,47,647	7,91,204	85,672	5,72,400	37,37,272	1883-84	....	3 15 8	
....	25,517	25,83,967	2,89,616	5,96,123	8,85,739	90,000	6,54,162	42,13,868	1884-85	....	4 7 9	
....	29,914	28,30,449	3,16,787	6,65,370	9,82,157	90,000	5,71,367	44,73,973	1885-86	....	4 14 10	
....	29,776	31,88,299	3,18,630	7,74,651	10,93,281	....	6,20,214	49,01,814	1886-87	....	5 9 7	
(a) Fire tax	7,857	31,10,581	3,72,258	8,83,724	12,55,982	....	7,99,967	51,66,530	1887-88	....	5 10 4	49,70,196
@½%	34,708	29,21,718	3,90,039	9,63,804	13,53,843	....	6,90,632	49,66,193	1888-89	....	5 8 5	
....	(a) 79,187	30,41,841	4,73,919	11,23,006	15,96,925	....	7,03,103	53,42,169	1889-90	....	5 15 11	
@1%	1,25,345	34,10,930	5,27,222	11,49,198	16,76,420	....	(a) 10,78,551	61,65,901	1890-91	....	6 9 3	
Do.	1,64,263	35,07,542	5,55,877	11,81,429	17,37,306	....	9,88,335	62,33,183	1891-92	821,764	6 6 1	
Do.	1,65,838	36,68,001	6,22,200	14,07,081	20,29,281	....	9,75,661	66,72,943	1892-93	....	6 14 11	64,74,812
@½%	1,10,504	35,24,652	5,82,026	13,86,828	18,68,854	....	(b) 13,69,189	67,62,695	1893-94	.....	6 9 0	
Do.	1,09,325	35,47,569	6,81,557	13,88,265	20,69,822	....	9,21,981	65,39,372	1894-95	....	6 13 4	
Do.	1,10,437	36,11,373	6,57,812	14,42,895	21,00,707	.. .	(c) 10,49,630	67,61,710	1895-96	....	6 15 2	
Do.	1,09,138	31,47,494	6,88,486	13,98,410	20,86,896	....	9,74,588	62,08,978	1896-97	....	6 5 10	
Do.	1,20,961	37,76,284	7,35,485	13,29,852	20,65,337	....	(d) 13,03,939	71,45,560	1897-98	....	7 1 8	72,21,595
Do.	1,17,219	41,20,620	7,13,122	15,00,970	22,14,092	....	8,27,199	71,61,911	1898-99	....	7 11 4	
Do.	1,20,127	53,47,419	7,25,264	17,72,967	24,98,231	....	9,84,167	88,29,817	1899-1900	....	9 8 9	
Do.	1,20,647	49,24,736	7,14,440	17,35,635	24,50,075	....	10,28,037	84,02,848	1900-01	....	8 15 7	
Do.	1,27,570	43,71,989	7,88,439	15,47,120	23,35,559	....	10,59,181	77,66,729	1901-02	776,006	8 10 3	
Do.	1,29,049	47,90,830	7,95,984	15,13,976	23,09,960	....	10,74,898	81,75,688	1902-03	....	9 2 4	84,32,800
Do.	1,38,163	49,59,505	8,10,610	15,71,566	23,82,176	....	11,40,944	84,82,625	1903-04	....	9 7 4	
Do.	1,51,302	55,22,670	8,75,194	17,14,453	25,89,647	....	12,23,794	93,36,111	1904-05	....	10 7 3	

(a) Includes Rs. 2,32,544 for arrear recoveries for work done.

(b) Rs. 4 58 699 adjusted on account of premia on loans.

(c) Includes premia of Rs. 97,749 on loan raised.

(d) Includes rebate of Plague expenses amounting to Rs. 4,37,055.

Appendix

TAXATION PROPER.

Year	Gross Valuation.	House Rate.	Police Rate.	Lighting Rate.	Wheel Tax and Tolls.	Licenses for trades, Land Conveyances, Music, etc.	Town Duties.	Cotton Duty	Liquor Licenses.	Tobacco Licenses.
	Rs.	Rs. Consolidated Rate	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.
1905-06	3,81,90,177	@3½%	27,55,778	....	4,48,343	98,922	11,68,450		1,43,750	2,72,779
1906-07	4,14,48,901	Do.	29,88,345	....	4,43,749	1,03,221	13,34,074		1,43,750	2,65,628
1907-08	4,42,79,940	@3%	29,74,517	....	4,29,892	1,06,284	13,90,203		1,43,750	2,80,355
1908-09	4,68,75,766	Do.	31,47,249	....	4,79,857	1,19,278	12,96,320		1,43,750	2,78,890
1909-10	4,94,44,987	Do.	33,05,816	....	5,01,553	97,754	14,23,491		1,43,750	2,80,614
1910-11	5,30,51,478	@3½%	43,61,660	....	4,72,198	99,314	16,86,660	Levied for the first time from 1st January 1921.	1,43,750	2,59,907
1911-12	5,36,03,464	@10½%	47,42,693	....	4,69,487	1,12,777	12,47,097		1,43,750	2,78,896
1912-13	5,51,71,773	Do.	47,19,833	....	5,23,522	1,21,773	17,43,131		1,43,750	2,83,526
1913-14	5,79,47,463	Do.	46,41,022	....	5,61,500	1,29,771	17,30,637		1,43,750	2,91,283
1914-15	5,98,41,390	@9½%	48,49,421	....	5,19,818	1,27,640	9,32,310		1,43,750	2,92,036
1915-16	6,34,16,191	Do.	52,81,257	....	5,18,773	1,27,587	20,19,097		1,43,750	3,04,644
1916-17	6,54,13,855	Do.	52,16,432	....	5,61,416	1,31,072	18,70,355		1,43,755	3,52,877
1917-18	6,89,38,001	Do.	54,75,264	....	5,86,976	1,58,940	20,40,305		1,43,750	3,71,291
1918-19	8,29,75,130	Do.	72,19,042	....	6,04,640	1,53,349	19,54,583		1,43,750	3,86,009
1919-20	8,58,18,734	Do.	74,65,411	....	6,11,812	1,66,515	21,03,440		1,43,750	4,16,961
1920-21	9,32,34,165	Do.	74,38,793	....	7,33,766	1,68,785	21,19,082	77,100	1,43,750	4,41,881
1921-22	10,37,30,315	Do.	84,79,101	....	7,35,657	1,69,188	21,39,675	14,92,152	1,43,750	3,78,881
1922-23	11,25,03,688	@11%	1,04,91,115	....	12,15,360	1,74,981	16,90,373	16,23,024	1,43,750	3,81,343
1923-24	12,64,47,414	Do.	1,11,11,283	....	10,72,941	5,29,930	16,31,076	15,89,712	1,43,750	3,85,106
1924-25	12,71,95,123	....	1,22,80,887	....	12,09,720	2,58,687	18,76,809	13,09,466	1,43,750	3,74,296
1925-26	13,15,65,375	@11%	1,23,22,099	....	12,46,630	3,73,115	14,54,259	14,92,427	1,43,750	3,72,156
1926-27	13,70,80,462	Do.	1,27,10,850	....	10,61,576	2,32,848	16,67,980	11,80,500	1,43,750	3,84,385
1927-28	13,96,74,939	Do.	1,26,61,950	....	11,63,926	3,28,853	14,38,817	11,84,086	1,43,750	3,98,366
1928-29.. ..	14,16,41,656	Do.	1,26,09,968	....	10,19,412	1,29,378	15,46,677	13,37,095	1,43,750	3,76,440

M. R. TAMBE,
Chief Accountant.

No. 19—*concluded.*

	Contribution from Insurance Companies or Fire Tax.	Total Taxation Proper.	Services Rendered. Halalkhore Tax.	Water Tax.	Total services rendered.	Miscellaneous. Government contribution for Police and City Improvement Trust.	Returns from Property and Miscellaneous.	Total Income.	Year.	Population by Census.	Incidence of taxation per head of population.	Five years' average annual income.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			Rs. a. p.	Rs.
@ 3%	1,20,057	50,06,080	9,32,655	18,57,780	27,90,435	....	12,96,024	90,92,539	1905-06	....	10 0 9	
Do.	1,28,631	53,76,598	9,91,362	19,38,429	29,29,791	....	13,42,112	96,48,501	1906-07	977,822	8 7 10	
Do.	1,39,329	54,64,330	10,46,874	19,48,830	29,95,704	....	14,29,290	98,89,324	1907-08	....	8 10 5	1,00,26,055
Do.	1,47,522	56,12,966	11,19,322	20,04,189	31,23,511	....	15,42,671	1,02,86,048	1908-09	....	8 14 11	
Do.	1,63,267	64,16,245	11,92,349	20,11,788	32,04,134	....	15,93,185	1,12,13,864	1909-10	....	9 13 5	
@	2,15,094	72,38,583	12,32,951	19,95,327	32,28,278	....	17,29,288	1,21,96,149	1910-11	979,445	10 11 0	
Do.	2,33,627	72,29,327	12,92,697	20,79,120	33,71,817	....	20,54,645	1,26,55,789	1911-12	....	10 13 2	
Do.	2,33,029	77,66,564	13,50,833	21,70,948	35,21,781	....	14,53,244	1,27,41,589	1912-13	....	11 8 5	25,76,679
Do.	2,44,283	77,42,248	13,85,128	22,85,434	36,70,562	....	(e) 14,63,693	1,28,76,501	1913-14	....	11 10 5	
@ 3%	1,92,048	70,57,003	14,17,648	22,16,012	36,33,660	....	17,22,703	1,24,13,366	1914-15	....	10 14 8	
Do.	2,06,494	85,51,602	14,68,587	23,23,021	37,91,608	....	14,87,860	1,38,31,070	1915-16	....	12 9 8	
Do.	2,05,911	84,51,793	15,25,637	24,71,834	39,97,471	....	15,69,475	1,40,48,739	1916-17	....	12 11 11	
Do.	2,16,180	89,98,666	16,13,123	26,97,720	43,10,843	....	15,25,888	1,48,29,386	1917-18	....	13 9 4	1,56,80,061
Do.	2,84,962	1,07,46,333	18,34,068	29,77,602	48,11,670	....	18,16,181	1,73,74,184	1918-19	....	15 14 2	
Do.	2,92,625	1,11,99,814	19,39,162	30,93,308	50,32,470	....	20,84,643	1,83,16,927	1919-20	....	16 9 2	
Do.	2,95,541	1,17,68,705	21,33,991	33,31,036	54,65,028	....	29,09,465	2,01,43,197	1920-21	1,175,914	14 10 3	
Do.	3,34,872	1,39,22,196	23,74,867	36,18,899	59,93,766	....	32,31,047	2,31,47,009	1921-22	....	16 15 3	
Do.	4,75,604	1,61,95,879	26,47,245	48,48,252	74,95,497	....	30,62,387	2,67,53,463	1922-23	....	20 2 4	2,56,36,660
Do.	5,16,139	1,67,29,007	28,65,950	53,67,314	82,33,264	....	29,59,238	2,79,21,509	1923-24	....	21 1 2	
Do.	5,69,137	1,79,92,651	32,16,828	57,80,371	89,96,699	....	32,25,771	3,02,15,121	1924-25	....	22 13 5	
Do.	5,63,030	1,79,67,468	32,29,397	65,06,480	97,35,877	....	28,28,014	3,05,31,359	1925-26	....	23 5 9	
Do.	5,88,106	1,79,19,995	32,45,007	73,73,602	1,06,18,609	....	35,97,093	3,21,35,697	1926-27	....	24 2 3	
Do.	5,84,350	1,78,54,095	32,96,001	68,54,362	1,01,50,363	....	37,03,830	3,17,08,288	1927-28	....	23 9 10	
Do.	5,72,933	1,77,35,653	32,10,243	64,18,596	96,28,839	....	41,68,891	3,15,33,383	1928-29	....	23 4 4	

(e) Exclusive of the amount of interest realized on Sinking Funds which was hitherto treated as Income.

A. R. DALAL,
Municipal Commissioner.

Appendix

Expenditure of the Bombay Municipality from the

Year	General Superintendence.	Assessment and Collection.	Fire Brigade.	Public Works (Engineering) Department.	Public Health Department.	General Stores.	Pensions and Gratuities and Provident Fund.	Police Charges.	Education.	Medical Relief.	Debt.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1865	94,354	1,26,472	Not traceable.	31,52,722	8,15,914	Not traceable.	345	1,41,981	....	....	....
1866	1,31,622	58,638		13,32,917	14,40,293		14,430	3,98,169	....	....	20,554
1867	61,337	71,531		17,38,626	14,26,321		2,580	4,25,423	....	....	73,360
1868	70,990	87,602	22,708	12,29,594	10,45,862	9,012	3,733	4,17,083	....	....	2,19,977
1869	1,09,879	1,25,691	28,318	12,51,429	8,57,425	8,312	5,634	3,25,637	....	....	3,81,388
1870	1,32,202	1,12,498	30,896	13,73,987	8,29,784	8,046	10,354	4,24,905	....	....	4,46,187
1871	1,22,853	1,12,851	31,261	16,11,527	7,84,485	6,482	7,758	5,90,579	7,948	....	4,75,704
1872	1,15,930	1,38,354	24,435	12,83,987	7,61,854	*	7,221	3,27,209	9,321	....	2,52,971
1873	1,16,575	1,41,308	20,546	10,70,919	7,96,860	*	6,996	3,40,892	10,000	....	8,06,270
1874	1,11,860	1,29,023	25,316	10,53,829	7,38,139	*	8,030	2,44,325	10,000	....	8,79,023
1875	1,13,902	1,36,708	20,063	9,90,091	7,42,958	*	8,691	3,52,920	10,000	36,000	7,15,561
1876	1,09,189	1,42,267	37,754	9,70,195	7,07,681	....	11,157	3,57,734	10,000	36,000	7,09,127
1877	1,10,164	1,43,672	24,193	8,98,548	7,49,550	....	8,301	3,54,535	10,000	36,000	6,57,792
1878	1,15,597	1,44,467	27,517	8,13,057	7,90,431	....	8,008	3,61,581	15,000	36,000	8,66,223
1879	1,21,997	1,34,372	53,980	8,35,687	8,04,295	....	12,084	3,64,304	17,000	36,000	6,91,903
1880	1,28,492	1,37,726	24,800	8,86,191	7,52,410	....	7,749	3,59,166	17,500	36,000	6,42,880
1881	1,28,951	1,52,107	23,242	9,16,659	7,98,021	....	8,608	3,57,752	17,500	20,435	7,47,209
						For 15 months, *i.e.*, from 1st January 1882 to 31st March 1883, the calendar					
1882-83	1,82,715	1,87,858	73,665	14,01,108	10,14,785	....	12,353	4,54,034	28,125	34,948	12,28,882
1883-84	2,01,021	1,48,317	55,389	10,55,338	9,16,316	....	40,333	3,62,508	22,500	27,832	8,12,061
1884-85	1,65,258	1,64,917	64,977	11,51,551	9,19,967	....	23,293	3,61,748	22,500	34,512	7,37,609
1885-86	1,66,827	1,84,717	43,854	12,34,529	3,35,607	....	18,318	3,59,223	23,700	31,349	7,87,527
1886-87	1,73,050	2,17,134	70,904	13,03,859	10,10,118	....	19,133	2,61,914	32,604	48,386	8,93,553
1887-88	1,70,945	2,12,138	69,670	13,64,393	10,75,735	....	30,531	2,61,348	1,34,715	40,753	23,27,682
1888-89	1,69,223	1,98,820	1,12,328	14,91,041	11,56,410	....	19,470	2,59,140	50,982	36,857	14,90,115
1889-90	1,77,133	1,92,643	93,907	13,62,241	11,96,577	....	29,139	2,59,285	60,358	55,246	14,85,711
1890-91	1,82,198	2,23,854	1,29,291	15,92,034	13,02,064	....	32,117	2,58,285	68,646	38,601	15,52,189
1891-92	1,91,028	2,41,002	88,671	15,92,073	12,92,529	....	33,890	2,58,285	80,752	50,284	16,37,405
1892-93	1,90,926	2,52,123	1,47,694	17,72,512	13,01,563	....	29,845	3,63,625	87,565	49,576	21,97,233
1893-94	2,29,517	2,42,413	1,06,315	15,41,703	13,39,614	....	37,500	3,80,272	88,015	52,476	21,27,457
1894-95	2,11,621	2,47,771	1,14,144	16,67,335	13,70,168	....	46,568	3,74,022	87,290	61,456	20,26,571
1895-96	1,99,317	2,40,990	1,15,991	17,31,317	13,75,234	....	48,452	5,01,096	88,481	56,160	21,19,651
1896-97	1,99,641	2,48,159	1,07,654	15,55,649	14,09,867	....	58,601	5,51,589	83,889	53,101	20,56,122
1897-98	2,14,792	2,50,483	1,18,508	16,10,387	15,86,633	....	70,096	5,00,960	1,02,624	54,233	22,60,571
1898-99	2,10,380	2,57,182	1,09,076	14,19,617	16,89,174	....	56,866	5,01,013	1,14,776	55,201	2,41,138
1899-1900	1,97,643	2,72,850	1,17,098	16,01,898	20,30,444	....	66,034	5,00,000	1,11,990	54,997	23,40,269

* Combined with Controller's Office.

No. 20.

year 1865 to the year 1928-29.

Contribution to the Bombay Improvement Trust.	Public Gardens.	Stores, Plant and Live Stock.	Municipal Building Fund.	Road Improvement Fund.	Investments Fund.	Plague Expenses.	Miscellaneous.	Total.	Year.	Five years' average annual expenditure.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
....	....	5,10,250	....	....	....	....	1,17,345	49,59,333	1865	
....	....	82,059	....	....	....	....	1,25,240	36,01,922	1866	
....	....	2,70,545	....	....	....	....	1,49,423	42,16,346	1867	38,77,203
....	....	3,32,722	....	....	....	....	37,775	34,77,058	1868	
....	....	....	....	....	....	...	42,665	31,31,353	1869	
....	....	....	....	....	....	....	23,416	33,92,185	1870	
....	....	....	....	....	....	....	53,213	38,04,661	1871	
....	27,273	....	..	....	....	....	(a) 1,57,333	31,15,888	1872	32,69,595
....	11,857	....	....	....	....	....	22,354	30,44,577	1873	
....	14,473	..	....	....	....	....	46,645	29,90,663	1874	
....	18,282	....	....	....	....	.. .	(b) 1,19,851	32,65,027	1875	
....	21,638	....	....	....	....	....	47,696	31,60,438	1876	
....	20,221	....	....	....	....	....	55,559	30,36,535	1877	31,68,669
....	21,190	....	.....	....	....	....	71,103	32,70,224	1878	
....	17,709	....	....	....	....	....	51,791	31,11,122	1879	
....	20,758	....	.....	....	....	....	44,321	30,57,992	1880	
...	19,463	...	2,50,000	....	....	....	(c) 3,52,635	37,98,872	1881	
year being changed to the financial year, the expenditure was:—										38,41,465
....	25,969	....	50,000	19,000	....	....	38,740	47,53,632	1882-83	
....	20,263	....	20,000	....	....	....	33,934	37,15,812	1883-84	
....	22,738	....	801	....	....	....	(d) 2,11,150	38,81,020	1884-85	
....	23,864	....	99,199	....	. ..	....	98,226	40,66,940	1885-86	
....	38,326	....	49,779	....	....	....	57,562	41,76,362	1886-87	
....	42,123	....	50,221	....	....	.. .	32,436	58,12,690	1887-88	48,59,951
....	48,939	....	55,577	....	....	....	(e) 1,12,316	52,01,258	1888-89	
....	65,153	....	24,459	....	3,000	....	58,553	50,42,405	1889-90	
....	87,305	....	28,907	....	3,113	....	(f) 1,85,807	56,84,861	1890-91	
....	77,225	....	27,905	....	3,274	....	2,07,780	57,92,073	1891-92	
....	96,964	....	....	....	3,386	....	52,566	45,45,512	1892-93	62,69,972
.. .	(f) 2,80,453	....	....	....	5,64,272	....	23,321	69,63,928	1893-94	
....	93,969	....	...	....	44,086	....	28,485	63,72,496	1894-95	
....	64,923	....	....	....	1,46,180	....	15,519	67,02,516	1895-96	
....	60,312	....	....	....	1,42,601	4,37,055	35,503	70,04,743	1896-97	
....	71,447	....	....	....	36,478	5,00,000	1,20,712	74,96,969	1897-98	71,87,147
....	74,959	....	....	....	37,425	—5,00,000	(g) { 8,12,546 19,673 }	73,39,026	1898-99	
....	75,250	....	....	....	35,316	—43,694	32,385	73,92,130	1899-1900	

(a) Includes write-off of loss in stores of Rs. 1,15,993.

(b) Includes Rs. 50,000 for visit of H. R. H. the Prince of Wales.

(c) Includes special adjustment of Rs. 3,21,827 for arranging the different loan fund.

(d) Includes loss of Rs. 1,84,774 on the sale of the Panwel Brick Factory.

(e) Includes Rs. 62,048 for loss on sale of investments.

(f) Includes Rs. 1,94,565 for land acquired.

(g) Write-off on account of frontage lands in Agripada.

Appendix

Year.	General Superintendence.	Assessment and Collection.	Fire Brigade.	Public Works (Engineering) Department.	Public Health Department.	General Stores.	Pensions and Gratuities and Provident Fund.	Police Charges.	Education.	Medical Relief.	Debt.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs	Rs.	Rs.	Rs.	Rs.	Rs.
1900-01	2,28,044	3,26,719	1,18,639	17,01,178	21,68,479	....	75,929	6,02,455	1,11,930	58,977	25,03,911
1901-02	2,18,036	2,94,004	1,21,728	15,71,437	20,07,064	....	56,440	5,00,022	1,12,513	57,000	26,56,565
1902-03	2,16,767	2,92,939	1,10,182	15,90,956	20,05,939	....	68,852	5,97,504	1,10,474	56,290	27,11,361
1903-04	2,34,069	2,99,459	1,24,119	16,65,761	19,79,374	....	57,487	5,00,881	1,12,858	54,625	29,18,56
1904-05	2,29,315	3,18,017	1,34,282	18,81,039	18,46,402	15,904	74,334	5,01,076	1,59,763	57,000	28,33,565
1905-06	2,43,603	3,24,580	1,23,986	19,54,844	19,91,160	19,269	71,778	5,00,000	1,61,420	57,606	29,82,971
1906-07	3,06,306	3,29,381	1,28,015	19,39,665	21,46,791	27,369	75,303	5,01,862	1 65,815	56,218	31,77,715
1907-08	2,59,564	3,66,403	1,69,574	21,17,200	22,87,706	31,328	74,395	1,38,450	2,65,350	4,50,151	32,26,943
1908-09	2,71,046	3,73,684	1,71,929	23,92,891	24.34,002	29,456	65,623	....	2,76,685	4 64,685	32,98,247
1909-10	3,09,102	3,69,460	1,66,963	23,86,781	23,64,080	30,859	69,817	....	2,93,256	4,62,579	33,77,184
1910-11	2,89,088	3,85,546	1,88,087	24,16,332	21,03,537	31,063	84,294	. ..	4,17,124	4,64,416	36,07,569
1911-12	2,93,600	3,75,204	1,79,978	24,67,700	21,40,626	33,054	86,701	....	4,20,311	4,72,858	37,14,629
1912-13	3,14,525	4,40,606	3,27,304	25.52,034	23,15,541	34,069	96,913	....	4,18,511	4,46,160	38,43,397
1913-14	3,11,659	4,41,694	1,66,104	29,41,742	23,09,128	35,094	1,07,499	....	4,85,285	4,41,840	34,34,230
1914-15	3,13,576	4,16,898	1,85,577	30,02,430	23,15,264	36,771	1,11,204	....	5,03,224	4,39,260	37,62,252
1915-16	3,19,660	4,51,638	1,92,455	30,13,184	23,93,411	38,277	1,15,167	....	5,43,946	4,37,810	39,34,821
1916-17	3,39,014	4,93,398	1,92,598	31,81,770	25,33,855	40,588	1,46,580	....	5,91,873	4,35,960	44,11,104
1917-18	3,50,132	5,33,526	2,22,212	32,75,695	25.52,833	44,085	1,75,960	....	7,31,695	4,36,570	41,86,164
1918-19	3.78,723	5,29,127	2,57,944	39,46.954	51,27,671	46,820	1.64,955	....	9,27,207	4,89,328	44,30,260
1919-20	4,18,182	5,21,773	2,82,962	43,15,060	36,23,028	46,227	1,88,988	....	13,32,793	4.61,262	43,05,114
1920-21	4,18,650	5,87,191	3,20,709	49,52,268	† 39,59,741	60,316	2,13,660	....	16,87,813	4,86,216	46,26,735
1921-22	4,36,442	6,18,675	3,94,384	1,01,86,772	47,69,943	76,404	(s)	. ..	20.39,048	9,01,571	(s) ....
1922-23	4,81,031	6,66,432	4,02,392	1,27,64,437	48,94,512	80,079	(s)	....	22,72,762	9,63,098	(s) ....
1923-24	4,90,767	6,88,833	3,79,944	58,66,567	47,27,050	85,356	3,62,363	....	25,08,852	8,96,582	1,00,80,945
1924-25	5,04,317	7.04,553	3,40,488	59,80,651	46,60,460	75,167	4,04,919	....	25,82,656	9,03,884	1,08,14,589
1925-26	5,82,711	6,90,186	3,51,624	53,91,221	41,97,577	76,713	4,72,654	....	27,92,373	9,81,956	1,08,83,980
1926-27	5,34,507	7,09,867	3,27,018	52,80,276	41,56,288	70,565	4,88,346	....	31,13,102	14,44,718	1,08,41,061
1927-28	5,36,542	6,94,727	3,16,612	54,95,145	41,63,376	75,421	5,81,223	....	30,55,361	15,86,687	1,12,89,224
1928-29	5,40,173	5,61,208	3,35,320	55,13,018	41,28,598	63,565	6,53,287	....	29,47,784	16,27,649	1,21,36,185

† Inclusive of Rs. 4,58,641 on account of Markets and Slaughter Houses and Rs. 26,141 on account of Census.

M. R. TAMBE,
Chief Accountant.

No. 20—*concluded.*

Contribution to the Bombay Improvement Trust.	Public Gardens.	Stores, Plant and Live Stock.	Municipal Building Fund.	Loan works Establishment.	Investments Fund.	Plague Expenses.	Miscellaneous.	Total.	Year.	Five years' average annual expenditure.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
4,74,605	69,870	....	....	....	58,400	—922	1,86,444	85,84,058	1900-01	
4,81,000	57,685	....	....	....	59,259	....	38,695	82,26,458	1901-02	
3,00,000	58,874	....	....	....	58,136	....	75,124	84,53,398	1902-03	>84,57,384
3,50,000	67,422	....	.. .	....	33,265	....	34,006	84,31,390	1903-04	
2,50,000	66,092	....	....	....	35,899	1,81,920	57,512	85,91,618	1904-05	
2,53,500	64,751	....	....	....	39,377	2,26,538	(*h*) 3,62,359	93,74,242	1905-06	
3,00,000	64,735	....	....	....	39,626	2,43,044	18,945	95,20,790	1906-07	
2,66,081	75,158	....	....	...	44,445	1,95,517	1,30,930	1,01,89,201	1907-08	>1,02,22,281
4,50,000	92,905	....	....	.. .	47,843	2,23,328	37,952	1,06,30,126	1908-09	
7,80,000	98,964	....	....	....	1,21,917	2,00,915	(*i*) 3,65,173	1,13,97,050	1909-10	
8,35,000	91,210	.. ..	....	....	49,473	1,87,234	1,31,399	1,12,81,372	1910-11	
9,86,000	76,091	....	....	....	57,633	1,55,903	1,25,274	(*j*) 1,14,84,562	1911-12	
9,23,000	83,982	....	....	....	10,000	1,47,763	2,25,882	(*k*) 1,16,81,587	1912-13	>1,17,90,028
9,23,093	91,683	....	....	....	10,000	1,24,682	2,16,193	(*l*) 1,20,48,926	1913-14	
9,76,938	92,295	....	....	....	10,000	1,27,633	1,59,869	(*m*)1,24,53,191	1914-15	
10,17,420	89,738	....	....	....	10,000	1,22,912	(*n*) 1,24,031	1,28,03,870	1915-16	
11,01,289	90,490	....	....	....	(*p*) 3,08,135	1,29,958	(*o*) 2,37,780	1,42,14,292	1916-17	
10,93,118	81,555	....	....	....	(*q*) 51,399	1,32,160	3,89,492	1,42,61,391	1917-18	>1,53,23,096
11,52,687	93,085	....	....	....	(*q*) 17,320	1,26,506	13,38,060	1,70,26,649	1918-19	
15,19,780	97,183	....	....	....	(*q*) 20,982	1,18,404	10,57,511	1,83,09,277	1919-20	
15,71,248	1,28,196	....	....	....	(*r*) 1,69,813	1,24,591	8,95,154	2,02,02,301	1920-21	
15,76,574	2,24,288	....	....	....	2,68,427	1,16,888	8,95,638	2,24,64,954	1921-22	
17,85,007	2,34,769	....	. ..	....	3,18,883	1,20,689	11,77,228	2,61,61,489	1922-23	>2,55,67,168
19,07,255	1,59,167	....	. ..	....	70,044	1,12,280	7,16,308	2,89,50,053	1923-24	
20,20,974	1,62,449	..	....	....	....	1,03,848	7,98,144	3,00,57 096	1924-25	
22,23,470	1,63,147	....	....	....	....	91,674	6,83,364	2,90,87,636	1925-26	
22,39,225	1,86,412	.. .	....	26,011	....	74,216	6,70,644	3,01,62,656	1926-27	
23,11,031	1,67,067	.. ..	....	4,31,527	....	84,089	6,57,843	3,14,45,875	1927-28	
23,02,180	1,76,614	....	....	3,75,910	....	72,394	(*u*) 13,16,393	3,27,50,278	1928-29	

(*h*) Includes contribution of Rs. 3,00,000 towards celebrating the visit of H. R. H. the Prince and Princess of Wales.

(*i*) Includes charges for Grain Compensation and Local Allowance and the loss sustained in the sale of unserviceable stores written off.

(*j*) Excludes Rs. 5,00,000 transferred from revenue for writing off a portion of the Plague expenditure advanced from Loan Funds.

(*k*) Excludes Rs. 3,10,053 transferred from revenue for writing off a portion of the Plague expenditure advanced from Loan Funds as well as the amount of investments of interest realized on Sinking and Special Funds.

(*l*) Excludes Rs. 1,00,000 transferred from revenue for writing off the balance of the Plague expenditure advanced from Loan Funds as well as the amount of investment of interest realised on Sinking and Special Funds.

(*m*) Excludes Rs. 35,455 being the write-off of the proportionate cost (paid out of Loan Funds) of the Halalkhores' Chawl at Vincent Road sold to the City Improvement Trust as well as the amount of investment interest realized on Sinking and Special Funds.

(*n*) Includes Rs. 25,000 being the contribution towards the cost of cadastral survey of the town and island of Bombay.

(*o*) This includes Rs. 1,20,312 on account of discount on the conversion of 3 per cent. or 3½ per cent. Government Paper into 4 per cent. conversion loan of 1916-17.

(*p*) This includes Rs. 2,98,135 being the amount of investment on account of sale-proceeds of Municipal lands into Municipal Land and Building Fund.

(*q*) This includes Rs. 41,399, Rs. 7,320 and Rs. 10,982 being the amount of investment on account of sale proceeds of Municipal Lands into Municipal Land and Building Fund.

(*r*) This includes Rs. 1,59,813 do. do.

(*s*) As the Expenditure on Pensions and gratuities, &c., and Municipal Debt is allocated according to different service heads, no expenditure appears under these heads.

(*t*) This includes Rs. 2,53,427 on account of sale proceeds of Municipal land to be transferred to Land and Building Fund.

(*u*) Includes Rs. 7,00,000 being the contribution for Bai Jerbai Wadia Hospital for children.

A. R. DALAL,
Municipal Commissioner.

Appendix No. 21.

CONTRASTED STATEMENT OF INCOME AND EXPENDITURE OF THE BOMBAY MUNICIPALITY FROM 1865 TO 1928-29

YEAR.	Income.	Expenditure.	DIFFERENCE.	
			Surplus.	Deficit.
	Rs.	Rs.	Rs.	Rs.
1865	23,63,787	49,59,333	.....	25,95,546
1866	29,14,672	36,01,922	.....	6,87,250
1867	30,40,524	42,16,346	.....	11,75,822
1868	38,52,674	34,77,058	3,75,616	.....
1869	33,93,226	31,31,358	2,61,868	.....
1870	33,07,749	33,92,185	.....	84,436
1871	28,71,160	38,04,661	.....	9,33,501
1872	30,48,331	31,15,888	.....	67,557
1873	33,24,108	30,44,577	2,79,531	.....
1874	29,81,322	29,90,663	.....	9,341
1875	31,43,526	32,65,027	.....	1,21,501
1876	31,77,723	31,60,438	17,285	.....
1877	32,41,452	30,36,535	2,04,917	.....
1878	31,45,153	32,70,224	.....	1,25,071
1879	33,41,174	31,11,122	2,30,052	.....
1880	32,51,870	30,57,992	1,93,878	.....
1881	38,73,694	37,98,872	74,822	.....
From 1st January 1882 to 31st March 1883 (15 months).	46,12,240	47,53,632	.....	1,41,392
1883-1884	37,37,272	37,15,812	21,460	.....
1884-1885	42,13,868	38,81,020	3,32,848	.....
1885-1886	44,73,973	40,66,940	4,07,033	.....
1886-1887	49,01,814	41,76,362	7,25,452	.....
1887-1888	51,66,530	58,12,690	.....	6,46,160
1888-1889	49,66,193	52,01,258	.....	2,35,065
1889-1890	53,42,169	50,42,405	2,99,764	.....
1890-1891	61,65,901	56,84,861	4,81,040	.....
1891-1892	62,33,183	57,82,073	4,51,110	.....
1892-1893	66,72,943	65,45,512	1,27,431	.....
1893-1894	67,62,695	69,63,928	.....	2,01,233
1894-1895	65,39,372	63,73,486	1,65,886	.....
1895-1896	67,61,710	67,02,516	59,194	.....
1896-1897	62,08,978	70,04,743	.....	7,95,765
1897-1898	71,45,560	74,96,969	.....	3,51,409
1898-1899	71,61,911	73,39,026	.....	1,77,115
1899-1900	88,29,817	73,92,480	14,37,337	.....
1900-1901	84,02,848	85,84,058	.....	1,81,210
1901-1902	77,66,729	82,26,458	.....	4,59,729
1902-1903	81,75,688	84,53,398	.....	2,77,710
1903-1904	84,82,625	84,31,390	51,235	.....
1904-1905	93,36,111	85,91,618	7,14,493	.....
1905-1906	90,92,539	93,74,242	.....	2,81,703
1906-1907	96,48,501	95,20,790	1,27,711	.....
1907-1908	98,89,324	1,01,89,201	.....	2,99,877
1908-1909	1,02,86,048	1,06,30,126	.....	3,44,078
1909-1910	1,12,13,864	1,13,97,050	.....	1,83,186
1910-1911	1,21,96,149	1,12,81,872	9,14,277	.....
1911-1912	1,26,55,789	* 1,14,84,562	11,71,227	.....
1912-1913	1,27,41,589	(a) 1,16,81,587	10,60,002	.....
1913-1914	1,28,76,501	(b) 1,20,48,926	8,27,575	.....
1914-1915	1,24,13,366	(c) 1,24,53,191	.....	39,825
1915-1916	1,38,31,070	1,28,03,870	10,27,200	.....
1916-1917	1,40,48,739	1,42,14,292	.....	1,65,553
1917-1918	1,48,29,386	1,42,61,391	5,67,995	.....
1918-1919	1,73,74,184	1,70,26,648	3,47,536	.....
1919-1920	1,83,16,927	1,83,09,277	7,650	.....
1920-1921	2,01,43,197	2,02,02,301	.....	59,104
1921-1922	2,31,47,009	2,24,64,954	6,82,055	.....
1922-1923	2,67,53,463	2,61,61,439	5,92,024	.....
1923-1924	2,79,21,509	2,89,50,053	.....	10,28,544
1924-1925	3,02,15,121	3,00,57,096	1,58,025	.....
1925-1926	3,05,31,359	2,90,87,636	14,43,723	.....
1926-1927	3,21,35,697	3,01,62,656	19,73,041	.....
1927-1928	3,17,08,288	3,14,45,875	2,62,413	.....
1928-1929	3,15,33,383	3,27,50,278	.....	12,16,895

* This is exclusive of Rs. 5,00,000 utilized towards writing off a portion of the Plague expenditure.
(a) Do. „ 3,10,052-7-4 do. do. do.
(b) Do. „ 1,00,000 do. the balance do.
(c) This is exclusive of Rs. 35,455 being the write-off of the proportionate cost (paid out of Loan Funds) of the Malabar Hill chawl at Vincent Road sold to the City Improvement Trust.

M. R. TAMBE,
Chief Accountant.

A. R. DALAL,
Municipal Commissioner.

REVENUE.

Annual Report on the working of the Assessment and Collection Department for the year 1928-29. The undersigned was in charge of the Department throughout the year under report.

The rates of taxation were the same as in the preceding year except for water by meter measurement shown below :—

Particulars of service head.	Rates for 1927-28 per 1,000 gallons.	Rates for 1928-29 per 1,000 gallons.
	Rs. a. p.	Rs. a. p.
1. Milch Cattle Stables		
2. Cotton and other Mills	0 12 0	0 10 0
3. Bleaching Mills		
4. Hotels	1 0 0	0 12 0
5. Race Course	0 8 0	0 12 0
6. Building purposes		
7. Flour Mills		
8. Other Factories	1 0 0	0 14 0
9. Stables		
10. Port Trust		
11. Railways		

Main Figures for the year.

Total number of properties				47,705
Assessments—				Rs.
Gross opening value on 1st April 1928				13,96,22,384
Rateable „ „ „ „				12,56,72,484
Gross closing „ 31st March 1929				14,16,41,656
Rateable „ „ „ „				12,74,89,831
Total demand for property taxes—	Rs.	a.	p.	Rs. a. p.
For 1928-29	2,36,67,023	14	6	
Add—				
Demand outstanding on 1st April 1928 on account of previous years	15,20,040	6	8	
Demand issued during the year on account of previous years	1,15,470	5	0	
Supplementary claims in respect of Government properties	36,969	14	2	
Supplementary claim in respect of Port Trust Properties from 1924-28 ...	2,75,048	0	0	
Total demand ...	2,56,14,552	8	4	
Deduct—	Rs.	a.	p.	
Amount of bills recalled for previous years ...	1,16,179	11	0	
Bills for previous years written off	416	7	0	
Drawback allowed ...	2,65,242	5	0	
Rs.	3,81,838	7	0	
Rs.	2,52,32,714	1	4	
Total net demand ...				2,52,32,714 1 4

involving the issue of 72,753 bills of which 72,205 were for 1928-29 and 548 for previous years.

Collections—	Rs.	a.	p.	Rs.	a.	p.
Property taxes due for 1928-29 collected	1,99,95,848	11	3			
Government Contribution	5,02,637	8	0			
Port Trust Contribution	12,95,277	0	0			
Total ...	2,17,93,763	3	3			
Add—						
Bills for previous years collected ...	13,21,375	3	3			
Total property tax collections ...				2,31,15,138	6	6

Outstandings—	Rs.	a.	p.	Rs.	a.	p.
On account of demands issued in respect of the year 1928-29	19,13,259	8	3			
On account of demands issued in respect of previous years	1,97,539	6	5			
Supplementary claim in respect of Government properties	6,776	12	2			
Total property tax outstandings on 1st April 1929 ...				21,17,575	10	10

Total demand for Wheel Tax—	Rs.	a.	p.	Rs.	a.	p.
For 1928-29	6,93,306	3	0			
Demand outstanding on 1st April 1928 on account of previous years	80,196	7	0			
Demand issued during the year on account of previous years	21,495	9	0			
Total demand ...	7,94,998	3	0			
Deduct—						
Bills for previous years written off... ...	Rs. 8,653	a. 7	p. 0			
Recalled and cancelled for 1928-29 ...	13,728	5	0			
Recalled and cancelled for previous years ...	14,731	12	0			
	37,113	8	0			
Total net demand ...				7,57,884	11	0

involving the issue of 27,487 bills of which 26,516 were for 1928-29 and 971 for previous years.

Wheel Tax Collections—	Rs.	a.	p.	Rs.	a.	p.
Wheel tax due for 1928-29 collected ...	6,17,111	6	0			
Bills for previous years collected... ...	60,908	11	4			
Total wheel tax collections ...				6,78,020	1	4

Wheel Tax Outstandings—	Rs.	a.	p.	Rs.	a.	p.
On account of demands issued in respect of the year 1928-29	62,466	8	0			
On account of demands issued in respect of previous years...	17,398	1	8			
Total Wheel tax outstandings on 1st April 1929 ...				79,864	9	8

Grand Totals—Property and Wheel Taxes—	Rs.	a.	p.	Rs.	a.	p.
Total net demand for property taxes ...	2,52,32,714	1	4			
Total net demand for wheel tax	7,57,884	11	0			
Grand total of net demand ...				2,59,90,598	12	4
	Rs.	a.	p.	Rs.	a.	p.
Total property tax collections	2,31,15,138	6	6			
Total wheel tax collections	6,78,020	1	4			
Grand total of collections ...				2,37,93,158	7	10
	Rs.	a.	p.	Rs.	a.	p.
Total property tax outstandings	21,17,575	10	10			
Total wheel tax outstandings	79,864	9	8			
Grand total of outstandings ...				21,97,440	4	6

Annexed are comparative statements for 1928-29 and 1927-28 as under :—

Statement A—Rateable values.
„ B—General Tax.
„ C—Water Tax.
„ D—Halalkhore Tax.
„ E—Total demands, collections, and outstandings, including wheel tax.

As shown above, the total amount collected under all heads, was Rs. 2,37,93,158-7-10 exclusive of Meter Hire, Miscellaneous Receipts and Fees. The total collection for 1927-28 amounted to Rs. 2,41,46,147-8-6. There was thus a decrease of Rs. 3,52,989-0-8. As against the total estimated collection of Rs. 2,47,47,600-0-0 budgetted for the year 1928-29, there is a decrease of Rs. 9,54,441-8-2 as under:—

Taxes.	Estimate.	Actual collections including adjustments.			Increase or decrease.			
	Rs.	Rs.	a.	p.		Rs.	a.	p.
General Tax including Fire Tax	1,38,43,100	1,34,66,719	9	8	—	3,76,380	6	4
Water Tax	69,19,500	63,57,868	13	4	—	5,61,631	2	8
Halalkhore Tax	33,10,000	32,90,549	15	6	—	19,450	0	6
Wheel Tax	6,75,000	6,78,020	1	4	+	3,020	1	4
Total ...	2,47,47,600	2,37,93,158	7	10	*less*	9,54,441	8	2

The decrease is due to the balance of Rs. 10,46,533-5-6 on account of General Tax, Rs. 8,47,908-4-5 on account of Water Tax, Rs. 2,23,134-0-11 on account of Halalkhore Tax and Rs. 79,864-9-8 on account of Wheel Tax, having remained uncollected when the year closed.

Bills aggregating Rs. 572-8-0, as detailed below, were adjusted in the Chief Accountant's books in 1927-28, but as these adjustmeats were not intimated to this Department before the close of that year, the amount was credited in the books of this Department during the year 1928-29:—

	Rs.	a.	p.
General Tax	.....		
Water Tax on value	.....		
Halalkhore Tax on value	.....		
Water Tax by Meter Measurement	572	8	0
Wheel Tax	.....		
Total Rs. ..	572	8	0

The total number of properties registered in the Assessment Book on 31st March 1929 was 47,705 classified as under :—

Buildings	36,377
Salt Pans	68
Lands including tanks, wells, etc.	11,260
Total ..	47,705

as against 47,198 on 31st March 1928. Of the number registered, 37,865 were assessed to General Tax, 1,706 were exempted under Section 143 (1) (*a*) and (*b*) of the Municipal Act, and 6,036 were not charged General Tax, being small plots of waste lands, etc. The latter do not, however, include lands belonging to Government, the City Improvement Trust, the Port Trust and the Railways, which are separately assessed and specially treated. The number of Municipal properties exempted from General Tax during the year was 1,470.

The number of buildings newly erected, demolished and enlarged in 1928-29 was 913, 995 and 643, the corresponding number for the year 1927-28 being 926, 1,003 and 592 respectively.

There were 852 complaints against assessments fixed during the currency of the year under Section 167 of the Act, and 4,845 under Section 163 against original assessments amounting to Rs. 3,25,49,742. This amount, after investigation of the complaints, was reduced to Rs. 3,02,90,407 being a decrease of Rs. 22,59,335 or 6·9 per cent.

The amount of General Tax on properties exempted under Section 143 (1) (*a*) and (*b*) was Rs. 8,20,330-0-0 against Rs. 8,00,822-15-0 in 1927-28.

The total number of claims for one-fifth drawback during the year was 6,765, the number for the preceding year being 6,323.

The following figures indicate the number of vehicles and animals taxed during the year :—

	No.
4-wheeled vehicles drawn by animals	1,277
2-wheeled vehicles do.	1,234
Hand carts	1,214
Motor cars and lorries (excluding taxis and lorries licensed under the Public Land Conveyance Act)	5,944
Motor cycles	191
Motor cycles with side cars	152
Horses (including those in commission stables)	1,784
Ponies	71
Bullocks	2,077
Buffaloes and Donkeys	16

Receipts realised from Notices of demand, Distress Warrants, Battaki fees, Inspection fees and other miscellaneous items amounted to Rs. 7,527-12-5 against Rs. 8,575-3-0 in the preceding year. Receipts from Meter Hire were Rs. 60,464-7-0 as against Rs. 61,804-13-0 for the previous year, Rs. 3,449-8-0 remaining uncollected at the end of the year.

Certificates issued for refund of taxes for the year under report, and for previous years were as under :—

	Rs.	a.	p.
General Tax	2,73,988	12	7
Water Tax on rateable value	38,931	9	5
Water Tax by Meter Measurement	966	0	0
Compounded Water Tax	9	12	0
Halalkhore Tax on value	82,115	4	6
Special Halalkhore Tax	16,895	3	0
Wheel Tax	847	0	0
Meter Hire	330	6	0
Notice fee	1	0	0
Total Rs. ..	4,14,084	15	6

There were 60 appeals to the Chief Judge, Small Causes Court, for 1928-29 and 14 for 1929-30. Out of which 2 were against water tax, 3 for drawback disallowed and the remaining 69 against valuations under Section 162 (2) of the Municipal Act. Of these, 45 appeals were settled out of Court, 11 were dismissed by the Court, 12 were settled by the Court, 1 withdrawn and 5 are pending.

Street Number Plates.

The balance of Street Number Plates bills outstanding on 31st March 1928 aggregated Rs. 4,666-10-0 and 5,525 bills for Rs. 18,031-2-0 were issued during the year, making a total of Rs. 22,697-12-0 of which Rs. 17,736-14-0 were collected during the year, and bills for Rs. 751-2-0 were cancelled, leaving a balance of Rs. 4,209-12-0 outstanding on 31st March 1929.

Of the total balance of Rs. 21,97,440-4-6, outstanding at the end of the year, bills for no less than Rs. 8,02,867-8-0 were issued during the last three months.

The outstandings at the close of the past three years are compared below :—

Year.	Total Net Demand.	Outstanding on 31st March.
	Rs.	Rs.
1926-27	2,60,23,348	13,40,391
1927-28	2,57,85,027	16,38,880
1928-29	2,59,90,598	21,97,440

The heavy outstanding balance for 1928-29 is largely due to our dispute with the Agent, G. I. P. Railway, who withheld payment of Rs. 8,47,118 claiming preferential treatment for all G. I. P. Railway properties since the Railway is State-managed. Great difficulty was experienced in collecting our dues during the trying times when the City was in a disturbed state and many mill hands unable to pay rent for a period of nearly six months, resulting in land-lords not being in a position to pay Municipal taxes as promptly as required by law and frequently clamouring to be allowed to pay bills by instalments.

Bills of over Rs. 10,000 unpaid upto 31st March 1929 are shown below :—

Name of the party.	Amount unpaid upto 31st March 1929.	Remarks.	Amount recovered upto 30th June 1929.
	Rs.		Rs.
G. I. P. Railway	8,47,118	Claim preferential treatment as Government property	Nil.
B. B. & C. I. Railway	52,404	Bills not passed for payment upto 31st March 1929	45,002
Government	30,505	Under correspondence	12,202
Port Trust	19,672	Bills recently amended	19,512
City Improvement Trust ..	73,077	Bills not passed for payment upto 31st March 1929..	18,495
Official Receiver	55,014	Payment made when funds are available	21,253
Emperor Edward Spinning and Manufacturing Company ..	18,742	Dispute regarding valuation of the property	Nil.
Vasanji Madhavji	15,098	Owner dead, heirs out of Bombay Manager pays whenever funds are available.	Nil.
Hanuman Ramprasad	16,815	Receiver Mr. Mulji Lakhmidas pays when funds are available	Nil.
Dorabshaw Bomanji Dubash ..	29,487	Under action	3,702
The Jivraj Baloo Spinning and Manufacturing Company ..	15,654	Liquidators have no funds at present	Nil.
Trustees of Tulsidas Gopaldas Charitable Trust	54,127	Dispute since settled out of Court and bills paid	54,127
	12,27,713		1,74,293

The balance outstanding on 30th June 1929 is Rs. 15,38,303-11-0 only, Rs. 6,47,475-8-8 having been recovered and bills amounting to Rs. 11,661-0-0 recalled and cancelled.

On 1st April 1929 the gross assessment was Rs. 14,15,37,860 against Rs. 13,96,22,384 on 1st April 1928.

H. WALD,

Assessor and Collector.

STATEMENT A.

Rateable Values.

Years.	Original Gross Assessment.	Amount after disposal of complaints.		Amount of subsequent reduction during the year by demolition complaints, &c.	Gross Assessment after deduction of subsequent reductions.	Subsequent enhancement (new buildings, enlargements, and under Assessments)	Total Gross Assessment.	Increase, final difference over preceding year's Gross Assessment.	Rateable Assessment.	Classification of Rateable Assessment.			
		No. of complaints against the opening Assessment.	Gross Assessment.							Chargeable to General Tax.	Exempted from General Tax, under Section 143 (1) (*a*) (*b*).	For which no bills for General Tax are issued.	Total Rateable Assessment
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1927-28	14,05,20,571	8,388	13,81,55,767	23,71,980	13,57,83,787	38,91,152	13,96,74,939	26,14,370	12,57,19,783	11,87,47,592	69,63,582	8,609	12,57,19,783
1928-29	14,14,97,215	7,596	13,96,32,384	16,13,443	13,80,68,941	36,3 ,715	14,16,41,656	19,66,717	12,74,89,831	12,03,42,003	71,32,153	15,675	12,74 89,831

STATEMENT "B."

General Tax.

1927-28.				1928-29.				Difference between columns 4 and 8.
General Tax levied at 11¼ per cent. from Public, City Improvement Trust and Mills.	Compounded sum payable by Government under Section 144 (3). of the Act.	Compounded sum payable by the Port Trust under Section 145 (3) of the Act.	Total of columns 1, 2, 3.	General Tax levied at 11¼ per cent. from Public, City Improvement Trust and Mills.	Compounded sum payable by Government under Section 144 (3) of the Act.	Compounded sum payable by the Port Trust under Section 145 (3) of the Act.	Total of columns 5, 6, 7.	
1	2	3	4	5	6	7	8	9
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1,22,32,161 5 2	5,11,087 12 11	9,51,467 0 0	1,36,94,716 2 1	1,23,46,657 0 2	5,09,414 4 2	12,95,277 0 0	1,41,51,348 4 4	+ 4,56,632 2 3

STATEMENT "C."

Water Tax.

1927-28.				1928-29.				Difference.			
On rateable value @ 3¾ per cent.	Compounded.	By Meter Measurement.	Total of columns 1, 2, 3.	On rateable value @ 3¾ per cent.	Compounded.	By Meter Measurement.	Total of columns 5, 6, 7.	On Rateable value at 3¾ per cent	Compounded.	By Meter Measurement.	Difference of columns 4 and 8.
1	2	3	4	5	6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
31,57,662 8 0	45,111 11 0	38,88,453 10 0	70,91,167 13 0	32,03,125 1 0	46,652 11 0	32,33,764 9 0	64,83,542 5 0	+45,522 9 0	+1,541 0 0	—6,54,689 1 0	—6,07,625 8 0

STATEMENT "D."

Halalkhore Tax.

1927-28.			1928-29.			Difference between columns 3 and 6.
On rateable value at 3 per cent.	On special service.	Total of columns 1 and 2.	On rateable value at 3 per cent.	On special service.	Total of columns 4 & 5.	
1	2	3	4	5	6	7
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
31,55,794 10 4	1,60,251 7 0	33,16,046 1 4	31,87,554 12 4	1,56,596 7 0	33,44,151 3 4	+28,105 2 0

STATEMENT "E."

Total demands, collections and outstandings including wheel tax.

Years.	Net demand issued.	Collections.	Outstandings.	REMARKS.
1	2	3	4	5
	Rs. a. p.	Rs. a. p.	Rs. a. p.	
1927-28	2,57,85,027 13 1	2,41,46,147 8 6	*16,38,880 4 7	* Inclusive of Rs. 38,643-6-11 on account of supplementary claim against Government.
1928-29	2,59,90,598 12 4	2,37,93,158 7 10	†21,97,440 4 6	† Inclusive of Rs. 6,776-12-2 on account of supplementary claim against Government.

No.·M. C./2/A OF 1929-30.

BOMBAY, *17th July* 1929.

FROM

THE TOWN DUTY OFFICER.

To

A. R. DALAL, ESQ., M.A., I C.S., J.P.,

MUNICIPAL COMMISSIONER FOR THE CITY OF BOMBAY.

SIR,

I have the honour to submit my Annual Report on the working of the Town Duty Refund Department for the year 1928-29.

I was in charge of the Department throughout the year.

The rates of duty leviable during the year under report were the same as in the preceding year.

The figures of collection from town duties, refunds, etc., during the year (*vide* Appendix) as compared with 1927-28, are as under :—

	1927-28.	1928-29.
	Rs. a. p.	Rs. a. p.
Gross collection	29,99,376 15 3	30,22,766 13 4
Refunds	15,92,734 10 0	14,97,034 4 0
Net revenue	14,06,642 5 3	15,25,732 9 4
	Increase Rs. ... 1,19,090-4-1	

Details of the above increase are as under :—

Name of the Article.	Increase.	Decrease.
	Rs. a. p.	Rs. a. p.
Grain and flour	5,775 14 6	.....
Sugar	1,67,549 2 0	.....
Wines and spirits	.....	12,674 9 9
Beer	.....	3,302 7 9
Ghee	.....	3,136 15 5
Timber	.....	23,789 6 5
Firewood	.....	11,331 5 1
Total ...	1,73,325 0 6	54,234 12 5
	54,234 12 5	
Increase ...	1,19,090 4 1	

The total net revenue derived from the non-refundable duty on raw cotton and the Government and Municipal shares thereof, as compared to 1927-28 are as under :—

	1927-28.			1928-29.		
	Rs.	a.	p.	Rs.	a.	p.
Net revenue	26,46,194	12	4	31,19,889	2	5
Government share 4/7th	15,12,111	4	$9\frac{1}{7}$	17,82,793	12	$9\frac{5}{7}$
Municipal share 3/7th	11,34,083	7	$6\frac{6}{7}$	13,37,095	5	$7\frac{2}{7}$

The total number of claims for the refund of town duties dealt with during the year was 50,494 against 53,989 in the previous year.

The total number of sugar bags marked with the Municipal stamp during the year was 13,36,220 against 14,00,787 in the previous year.

K. P. GUZDUR,

Town Duty Officer.

Appendix.

STATEMENT contrasting the Collections, Refunds and Net Revenue from Town Duties for the years 1927-28 and 1928-29.

ARTICLES.	COLLECTIONS.				REFUNDS.				NET REVENUE.			
	1927-28.	1928-29.	Increase in 1928-29.	Decrease in 1928-29.	1927-28.	1928-29.	Increase in 1928-29.	Decrease in 1928-29.	1927-28.	1928-29.	Increase in 1928-29.	Decrease in 1928-29.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Grain @ annas 6 per Candy	8,42,105 5 6	9,33,000 13 3	91,795 7 9	....	3,09,821 1 0	3,99,175 7 0	89,354 6 0	....	4,90,405 5 9	4,96,181 4 3	5,775 14 6	....
Flour @ annas 4½ per Candy	108 10 3	12 8 0	....	96 2 3	41,987 9 0	38,556 10 0	....	3,430 15 0				
Sugar @ annas 8 per Cwt.	14,29,532 6 3	13,99,026 12 3	....	30,505 10 0	11,60,725 6 0	9,62,670 10 0	....	1,98,054 12 0	2,68,807 0 3	4,36,356 2 3	1,67,549 2 0	....
Wines and Spirits, @ annas 4 per Imperial Gallon..	1,77,323 10 11	1,63,565 0 2	....	13,758 10 9	13,693 4 0	12,609 3 0	....	1,084 1 0	1,63,630 6 11	1,50,955 13 2	....	12,674 9 9
Beer @ pies 6 per Imperial Gallon	40,936 14 0	39,676 13 3	....	1,260 0 9	12,775 0 0	14,817 7 0	2,042 7 0	....	28,161 14 9	24,859 6 3	....	3,302 7 9
Ghee @ annas 10 per Bombay Maund..	2,16,844 4 3	2,16,486 5 10	....	357 14 5	9,503 4 0	12,282 5 0	2,779 1 0	....	2,07,341 0 3	2,04,204 0 10	....	3,136 15 5
Timber @ 2½ per cent. on Market Value	2,39,340 0 0	2,28,244 1 7	....	11,095 14 5	44,229 2 0	56,922 10 0	12,693 8 0	....	1,95,110 4 0	1,71,321 7 7	..	23,789 6 5
Firewood @ annas 2 per Candy	53,185 12 1	41,854 7 0	....	11,331 5 1	....	....	....	....	53,185 12 1	41,854 7 0	....	11,331 5 1
			91,795 7 9	68,405 9 8								
			—68,405 9 8				1,06,869 6 0	2,02,569 12 0			1,73,325 0 6	54,234 12 5
								1,06,869 6 0			—54,234 12 5	
Total Rs. ..	29,99,376 15 3	30,22,766 13 4	23,389 14 1	....	15,92,734 10 0	14,97,034 4 0	.. ..	95,700 6 0	14,06,642 5 3	15,25,732 9 4	1,19,090 4 1	....

K. P. GUZDUR,
Town Duty Officer.

PUBLIC WORKS.

No. MC/2/A of 1929-30.

BOMBAY, 19th June 1929.

FROM

THE EXECUTIVE ENGINEER,

BOMBAY MUNICIPALITY.

To

THE MUNICIPAL COMMISSIONER FOR THE CITY OF BOMBAY.

Subject :—Administration Report for the year 1928-29.

SIR,

I have the honour to forward herewith the Administration Report of the Special Branch for 1928-29.

2. The report is divided under the following heads :—

	Paragraphs.
Municipal Building Construction	**3 to 73**
Schemes, Overbridges, Roads, &c.	**74 to 155**
New Works	**156 to 159**

MUNICIPAL BUILDING CONSTRUCTION.

3. The general conditions as regards building materials and labour were favourable during the year, and almost all the works budgetted for, were undertaken.

Markets.

4. The question of providing a Cold Storage Plant at the **Chaupaty Market** was again considered by the Standing Committee who recorded the proposal under their Resolution No. 5941 of 3rd October 1928.

5. The work of constructing a **market at Matunga** has been deferred for the present for want of funds under Corporation Resolution No. 11432 of 14th March 1929.

6. The cost of constructing the **Temporary Market at Dada** amounted to Rs. 22,775.

7. The cost of constructing the outside shops and remodelling the front portion of the **Fort Market** amounted to Rs. 14,218.

8. Alternate designs and estimates for the construction of a permanent and semi-permanent **Market at Chandanwadi** were prepared and submitted to the Corporation who under their Resolution No. 11429 of 14th March 1929 approved of the plans and estimates amounting to Rs. 1,02,940, for the semi-permanent structure. A provision of Rs. 1,00,000 has been made in the Loan Works Budget for the year 1929-30. Tenders for the work are under preparation.

9. Plans and estimates for the construction of a **Market at Byculla** (wholesale market, retail market, outside shops and godowns and conveniences including those for the public) have been prepared and are under consideration.

10. The proposal for constructing a market with outside shops, &c., at **Lady Jamshedji Road, Mahim,** has been deferred as recommended under Markets and Gardens Committee Resolution No. 201 of 16th January 1929 and confirmed by Corporation Resolution No. 11432 of 14th March 1929.

11. It was proposed to provide an additional refrigerator plant at **Arthur Crawford Markets** in order to provide for an emergency in case of an accidental breakdown of the original plant. Plans and estimates amounting Rs. 35,458 were prepared and submitted to the Standing Committee who recorded the proposal under their Resolution No. 5732 of 26th September 1928.

12. The Corporation under their Resolution No. 11432 of 14th March 1929 having approved of the proposals for the construction of a modern upto date market in the Fort District, plans and designs of the same are being prepared.

Latrines, Urinals and Bathing Places.

13. The work of constructing **latrines and urinals** at the junction of **Clerk Road and Hornby Vellard,** has been completed at a total cost of Rs. 13,635.

14. The work of constructing **latrines and urinals at the Esplanade Maidan** has been completed at the total cost of Rs. 23,649.

15. The tender of Messrs. Marsland Price & Co. Ltd., amounting to Rs. 19,989 for the construction of **latrines and urinals** and laying out a garden on the triangular piece of land between the two wings of the Dadar Overbridge, was accepted by the Standing Committee under their Resolution No. 2391 of 20th June 1928. The work has been completed by the contractors and the accounts are being adjusted.

16. The plans and estimates amounting to Rs. 7,040 for the construction of **latrines and urinals &c., at Chunam Kiln Street, Parel,** have been approved under Corporation Resolution No. 6430 of 22nd September 1927. Tenders for the work were invited and the lowest tender of Mr. F. E. Cooper amounting to Rs. 8,615-13-11 has been accepted under Standing Committee Resolution No. 11522 of 15th March 1929. The work has been commenced by the contractor.

17. The plans and estimates for the construction of **latrines and urinals at the Chaupaty sea face,** are under consideration.

18. The site for the construction of **latrines and urinals at Apollo Bunder,** has been handed over to the Municipality by the Bombay Port Trust. The plans and estimates amounting to Rs. 30,269 for the work, are under consideration of the Roads &c. Committee. A provision of Rs. 30,000 has been made in the **Loan Works Budget** for the year 1929-30.

19. It is proposed to construct semi-underground conveniences at the junction of **Sandhurst Road and French Bridge.** Plans and estimates amounting to Rs. 20,570 were prepared and submitted to the Corporation, but the Public Health Committee having curtailed the number of urinals to be provided on the site, revised plans and estimates are being prepared as required by the Roads &c. Committee under Resolution No. 198 of 7th January 1929. A provision of Rs. 18,000 has been made for this work in the **Loan Works Budget** for the year 1929-30.

20. It is proposed to construct a block of 14 Water Closets and to enlarge the size of the **Septic Tank at the Bandra Slaughter Houses.** Plans and estimates amounting to Rs. 10,146 have been prepared and submitted to the Corporation for approval with a recommendation to provide funds from surplus Loan Balance.

21. It is proposed to construct **latrines and Urinals at the Gowalia Tank Tram Terminus** with a tramway shelter. Plans and estimates amounting to Rs. 6,460 for the conveniences and Rs. 2,330 for the shelter, have been prepared. Objections having been raised by the inhabitants of the locality, the Public Health Committee have recommended to the Corporation that the proposal be held in abeyance for the present.

22. It was proposed to provide conveniences at each end of the passage (called Bhatwadi) joining **Sandhurst Road and Girgaum Back Road.** The proposal was considered by the Public Health Committee who under their Resolution No. 180 of 17th December 1928, reported to the Corporation that the conveniences would not be required at the proposed sites when those at the junction of **Sandhurst Road and French Bridge** were constructed. This was confirmed by Corporation Resolution No. 10943 of 28th February 1929.

23. It is proposed to construct conveniences at the **Gilder Tank** play ground. Plans and estimates amounting to Rs. 12,360 have been prepared. The proposal is under consideration.

24. It is proposed to construct conveniences at the junction of the **Kingsway and Tilak Road** near the Tram Terminus at Dadar on the site reserved by the City Improvement Trust for the purpose. Plans and designs for the work are under consideration.

Cemeteries

25. The cost of constructing the compound wall on the south side of the **Haines Road Hindu Cemetery** amounted to Rs. 6,192.

26. A provision of Rs. 25,000 had been made in the **Loan Works Budget** for the year 1929-30 for filling in a portion of the **low-lying ground** at the **Haines Road Hindu Cemetery** which will be taken in hand after the monsoon.

27. It is proposed to construct a compound wall and to fill in the ground at **Wadala Hindu Cemetery.** Plans and estimates are being revised.

28. It is proposed to construct a compound wall (remaining length of 1040 r. ft.) at the **Haines Road Hindu Cemetery.** Plans and estimates amounting to Rs. 14,900 were prepared and approved of by the Municipal Commissioner; but no provision could be made in the **Loan Works Budget** for the year 1929-30 for want of funds.

Crematorium.

29. The proposal for the construction of a public **Crematorium** of modern type in the City for the use of the Hindus only has been abandoned under Corporation Resolution No. 8657 dated 17th December 1928.

Refuse Destructor.

30. The **Lightning Crushers at the Carnac Bridge** could not be brought into use as the question of providing railway siding accommodation by the Railway Company is still pending.

Stables.

31. The cost of constructing **Stables and offices at Annesley Road** amounted to Rs. 1,89,431.

32. Plans and estimates amounting Rs. 1,92,950 for the construction of **Stables and Offices** for the Health Department at **Cadell Road, Mahim,** have been approved under Corporation Resolution No. 8818 dated 20th December 1928. A part provision of Rs. 88,700 for this work as well as for the work of constructing Chawls estimated at Rs. 1,27,590, has been made in the **Loan Works Budget** for the year 1929-30. Arrangements for inviting tenders for the work to the extent of the provision, are under consideration.

33. It is proposed to re-construct a burnt portion of the roof of the Health Department, **Stables at Palton Road.** Plans and estimates amounting to Rs. 16,550 for the work have been prepared. The proposal has been approved of by the Public Health Committee under Resolution No. 166 dated 13th December 1928 and confirmed by Corporation Resolution No. 10943, of 28th February 1929, subject to the approval of the plan and estimate thereof by the Roads, etc., Committee. Funds will be provided hereafter in the **Loan Works Budget,** as cirumstances permit.

Chawls and Quarters.

34. The cost of constructing the **Bungalow** for the Municipal Commissioner at Cumballa Hill amounted to Rs. 1,37,329.

35. The tender of Messrs. Ramji Keshowji & Co. amounting to Rs. 21,728-12-10 for the construction of a **chawl** of 20 rooms for the unloading **staff at Kurla Deonar** has been accepted under Standing Committee Resolution No. 2699, dated 27th June 1928. The work is in progress.

36. The tender of Messrs. Ramji Keshowji & Co., amounting to Rs. 1,05,270-12-2 for the construction of Chawls for the Health Department labourers at **Annesley Road,** has been accepted under Standing Committee Resolution No. 5438 dated 19th September 1928. The work is in progress.

37. Plans and estimates amounting to Rs. 1,27,590 for the construction of Chawls for the Health Department staff **at Cadell Road, Mahim** have been approved under Corporation Resolution No. 8818 dated 20th December 1928. A part provision of Rs. 88,700 for this work as well as for the construction of stables and offices has been made in the **Loan Works Budget** for the year 1929-30. Arrangements are being made to carry out the work to the extent of the Budget provision.

38. It is proposed to construct an additional chawl of 16 rooms for the railway and **unloading staff at Kurla, Deonar.** Plans and estimates amounting to Rs. 20,160 have been approved under Corporation Resolution No. 8015 dated 3rd December 1928. No provision could be made in the **Loan Works Budget** for the year 1929-30 for want of funds.

Offices.

39. The tender of Messrs. Anna Dada & Co. amounting to Rs. 22,776-5-2 for the construction of an additional office accommmodation for the Health Department **stable at Dadar,** was accepted under Standing Committee Resolution No. 3695 dated 25th July 1928. The work has been completed and the accounts are being adjusted.

40. The plans and estimates for the construction of combined ward offices for the Assessment, Licensing, Lighting, Roads, etc. Departments for B & C wards in Guzar Street are under preparation.

Primary Schools.

41. The tender of Messrs. A. E. Cooper & Co. amounting to Rs. 1,24,641-9-0 for the construction of a **Primary School Building at Foras Road** was accepted under Standing Committee Resolution No. 4946 dated 28th August 1928. The work is in progress.

42. As the provision made in the Loan Works Budget for the year 1928-29 for the construction of a Primary School Building at Mastan Tank, was deleted from the Revised Estimates of the Loan Works Budget for 1928-29 owing to the financial stringency, the work has been postponed for the present.

43. The tender of Mr. F. E. Cooper amounting to Rs. 18,233-13-9 for the construction of an open air Primary School Building for Bhangi children at Valpakhady, was accepted under Standing Committee Resolution No. 3976 dated 1st August 1928. The work is in progress.

44. Plans and estimates amounting to Rs. 24,350 for the extension of the Primary School Building at Memonwada, have been approved under Corporation Resolution No. 6825 dated 29th October 1928. A provision of Rs. 25,000 has been made in the Loan Works Budget for the year 1929-30. Tenders for the work have been received and they are under disposal.

45. Plans and estimates amounting to Rs. 2,72,300 for the construction of a School Building at Nalbundki Wady, Mahim, were prepared and submitted to the Corporation. The Roads, etc., Committee under Resolution No. 113 dated 19th September 1928 recommended to the Corporation to hold over the scheme pending improvement in the financial conditions of the Municipality and to sanction a modified scheme involving an outlay not exceeding the amount of the donation of Rupees one lac paid by Sir Currimbhoy Ebrahim, Bart. This was confirmed by Corporation Resolution No. 6829 dated 29th October 1928. Plans and estimates are under revision accordingly.

46. It is proposed to construct semi-permanent School Buildings on vacant Municipal plots of land in F and G Wards and to let them to the Schools Committee. Plans and estimates amounting to Rs. 26,140 for a type design have been approved under Roads, etc., Committee Resolution No. 224 dated 5th March 1929. A provision of Rs, 26,140 for one school only, has been made in the Loan Works Budget for the year 1929-30. The work will be taken in hand as soon as the plans and estimates are finally approved by the Corporation and a suitable site is selected by the Schools Committee.

Gardens.

47. No provision could be made in the Loan Works Budget for the work of the construction of quarters for Malees at the Victoria Gardens for want of funds.

48. Plans and estimates amounting to Rs. 13,520 for the construction of a combined Bandstand and Shelter at the Victoria Gardens, were approved under Corporation Resolution No. 3843 dated 30th July 1928. Funds for the work could not be provided in the Loan Works Budget for the year 1929-30 owing to the financial stringency.

Hospitals.

49. The cost of constructing a Maternity Home at Cadell Road, Mahim, amounted to Rs. 1,49,134.

50. The cost of constructing a Kitchen for the Nurses' Home at the King Edward Memorial Hospital amounted to Rs. 15,384.

51. The tender of Messrs. Vartak and Bhat amounting to Rs. 33,012-8-10 for the construction of quarters for Mangs and a shed for keeping an anatomical cart and bullocks in the King Edward Memorial Hospital, was accepted under Standing Committee Resolution No. 3973, dated 1st August 1928. The work has been completed and the accounts are being adjusted.

52. The tender of Messrs. Anna Dada and Co. amounting to Rs. 95,115-0-4 for the construction of a Ward for Cholera and Plague cases at the Arthur Road Hospital was accepted under Standing Committee Resolution No. 6916 dated 31st October 1928. The work is in progress.

53. The work of constructing Linen and Bedpan rooms for the wards (new section) at the Arthur Road Hospital, was completed at a cost of Rs. 7,780.

54. The tender of Messrs. Anna Dada and Co. amounting to Rs. 26,334-2-5 for the construction of additional quarters for Nurses at the Arthur Road Hospital was accepted under Standing Committee Resolution No. 3696 dated 25th July 1928. The work has been completed and the accounts are being adjusted.

55. The tender of Mr. F. E. Cooper amounting to Rs. 5,920-4-0 for the construction of a Photographic Studio at the Gordhandas Sunderdas Medical College, Parel, was accepted under Standing Committee Resolution No. 4227 dated 8th August 1928. The work has been completed and the accounts are being adjusted.

56. The work of effecting certain repairs to the front portion including the reconstruction of the portico of the building of the Turner Sanitorium at Bhoiwada has been kept in abeyance for want of funds.

57. Plans and estimates amounting to Rs. 48,006 for the construction of an additional storey over the Isolation Block for venereal diseases (16 beds) at the King Edward Memorial Hospital were approved under Corporation Resolution No. 5852 dated 1st October 1928. A provision of Rs. 24,000 being the moiety of the estimated cost of the work has been made in the Loan Works Budget for the year 1929-30. The other half is to be borne by the Sir Leslie Wilson Hospital Fund. Arrangements for inviting tenders are being made.

58. It is proposed to construct an additional storey over the Nurses' Home Annexe for the Nursing staff of the King Edward Memorial Hospital. Plans and estimates amounting to Rs. 21,566 have been submitted to the Corporation. The proposal has been approved by the Medical Relief Committee subject to the approval of the plans and estimates by the Roads, etc., Committee. A provision of Rs. 10,500 being the moiety of the estimated cost of the work has been made in the Loan Works Budget for the year 1929-30. The other half is to be borne by the Sir Leslie Wilson Hospital Fund. The work will be taken in hand as soon as the plans and estimates are finally approved by the Corporation.

59. It is proposed to construct a Gymkhana Pavilion for the use of the students of the Gordhandas Sunderdas Medical College. Plans and estimates amounting to Rs. 35,600 were approved under Corporation Resolution No. 8817, dated 20th December 1928. No provision could be made in the Budget for the year 1929-30 for want of funds.

60. It is proposed to construct an upper storey over the existing Hostel of the Gordhandas Sunderdas Medical College with a view to providing additional accomodation for the students. Plans and estimates amounting to Rs. 1,14,500 were submitted to the Corporation.

The question is under consideration of the Sub-Committee of the Roads, etc., Committee who have referred the estimates back to the Municipal Commissioner for being further scrutinized by the Engineering Department. The matter is under consideration.

61. It is proposed to construct a new ward of 36 beds for Small-pox cases at the Arthur Road Hospital. The proposal has been approved by the Public Health Committee under their Resolution No. 90 dated 22nd January 1929 and confirmed by Corporation Resolution No. 11431 dated 14th March 1929, subject to the approval of the plans and estimates amounting to Rs. 1,13,222 by the Roads, etc., Committee.

62. It was proposed to construct a Maternity Home at Piroo Lane out of the proposed offer of a donation of Rs. 1,50,000 made by Mr. Goolamhoosein Ahmedally, Trustee of the Seth Hussanally Abdulally Wakf Charities. Plans and estimates amounting to Rs. 1,26,000 were prepared. The question was abandoned as the offer was subsequently withdrawn by the Trustees.

Fire Brigade.

63. The work of constructing the **Fire Brigade Station at the Naigaum Tank** has been completed and the accounts are being adjusted,

64. The tender of Mr. Dnyanoba Parmanand amounting to Rs. 12 935-15-8 for the construction of additional quarters for lascars at the Naigaum Fire Brigade Station, was accepted under Standing Committee Resolution No. 2392 dated 20th June 1928. The work has been completed and the accounts are being adjusted.

65. It is proposed to construct a newly equipped Fire Brigade Station, Lascars' quarters, etc., at Mint Road. Plans and estimates amounting to Rs. 3,48,980, were prepared and submitted to the Corporation. They are to be revised as required by Corporation Resolution No. 1143 dated 6th May 1929.

Miscellaneous.

66. The cost of redressing and treating with stone preservative the Porebunder work in the south and west external walls of the Municipal Head Office Building, amounted to Rs. 7,932. Provision for similar work in the remaining external walls of the Building could not be made in the Budget on financial grounds.

67. The cost of constructing a Treatment Ward at the Acworth Leper Asylum at Matunga, amounted to Rs. 10,468.

68. A part provision of Rs. 12,255 was made in the Revenue Budget for the year 1928-29 for renewing a part of the terraced roof of the Victoria and Albert Museum at the Victoria Gardens. But it was found necessary to re-construct the whole of the terraced roof. A further provision of Rs. 20,855 was therefore sanctioned from Surplus Cash Balance under Corporation Resolution No. 6267 dated 11th October 1928. Tenders for the work were invited and the lowest tender of Messrs. Raoji Sojpal and Co. amounting to Rs. 33,008-4-4 has been accepted under Standing Committee Resolution No. 9480, dated 16th January 1929. The work is in progress.

69. The work of removing certain buildings of the Health Department such as sick bullock hospital, offices, lethal chamber, etc., from the Tardeo Flats and reconstructing the same including latrines, urinals, etc., at the new Mahaluxmi Katchra Sidings, was completed at a cost of Rs. 99,189.

70. Plans and estimates amounting to Rs. 20,890 for constructing a compound wall on the south and west side of the Parel Tank, have been prepared and they are under consideration.

71. It is proposed to construct 2 Fountains, one at Lady Jamshedji Road and the other at Sion Bridge, out of the amount of Rs. 14,338-3-9 received from the Hon'ble the Advocate General. The proposal was kept in abeyance until completion of the Mahim Development Scheme. Plans and estimates of the works have been prepared and they are under consideration.

72. It is proposed to construct a Water Fountain at the King's Circle, the designs of which are under preparation.

73. It is proposed to provide a range of bathing cubicles on the Chowpatty foreshore for keeping clothes, etc., of the bathers. Plans and estimates are under preparation.

SCHEMES—OVERBRIDGES, ROADS, &c.

Overbridges.

74. *DeLisle Road Overbridge.*—Negotiations are going on with the Railway Company in connection with rectification of defects in the surfacing of roads and footpaths.

75. The annual income realized from the premises acquired for the construction of the overbridge amounts to Rs. 11,010.

76. *Dadar Overbridge.*—Dadar Overbridge now named 'Tilak Bridge,' is now considered to have been taken over from the Railway Company from 30th January 1929 as the Company has paid Rs. 5,561 for rectifying the various defects in the pavements and road surface of the approaches.

77. The question of access to the temple from the foot-overbridge over the two systems of railways is under consideration.

78. The construction of Dadar Market on the surplus land was completed in the early part of the year.

79. The work of laying asphalt coat on 700 ft. portion between Road No. 4 and Tilak Bridge will be taken up shortly.

80. Sewers and S. W. Drains are now completed in overbridge scheme area. Paving of footpaths, planting of trees, etc., will be taken in hand when the utility services are completely laid.

81. The work of filling in the low-lying areas within the scheme is being proceeded with.

82. The total recoveries in the scheme by sale of surplus land, &c., amount to Rs. 2,58,268 of which Rs. 36,546 is the Government share of the cost of road construction.

83. *Mahaluxmi Overbridge.*—Owing to a dispute between the Railway Company and the Municipality with regard to the incidence of cost of the modern method of Road surfacing over the Mahaluxmi Overbridge this important work remained incomplete and the Bridge could not be open to traffic.

84. The dispute has been referred to an Arbitrator appointed by Government and agreed to by both the parties. The award of the Arbitrator has been recently issued. Under the award the Railway Company has to carry out the works according to Municipal specifications and the Municipality has to pay to the Railway Company Rs. 20,725.

85. The Railway Company is expeditiously carrying out the road formation and it is hoped to open the bridge to traffic soon after the monsoon.

86. Out of the surplus land available for sale one plot admeasuring about 695 square yards has been agreed to be leased for a period of 999 years with direct frontage on the Bridge by means of an overhead platform over the Low level Road.

87. The total surplus area available for disposal in the scheme, is about 6,450 square yards and the temporary annual income from the lettings of buildings and vacant land over this area amounts to Rs. 34,684.

88. Arrangements are also being made to let the arches under the bridge.

89. *Victoria Road Overbridge.*— Nearly the whole of the surplus land in the scheme has been let out or leased. Some of the huts which were found unsafe have been demolished and the vacant plots leased out on monthly tenancies for construction of new sheds.

90. The annual rents realised from the lettings amount to Rs. 6,138.

91. *Widening of Apollo Street and Dalal Street.*—The junction plot originally the site of the Central Book Depot which was acquired from Government has been sold together with a portion of Dalal Street (Lane) to the Native Stock Brokers' Association at the rate of Rs. 375 per square yard. The Association has now paid to the Municipality the full purchase price amounting to Rs. 5,04,661-8-0.

92. *Golanji Hill Road Scheme.*—Negotiations with the Bombay Port Trust regarding disposal of spoil have resulted in an agreement, the terms and conditions of which have been accepted by the Corporation. The work of cutting through the hill will soon be taken in hand.

93. The annual income realized from lettings in this scheme amounts to Rs. 10,551.

94. *Widening of Samuel Street and Masjid Bunder Junction.*—The Scheme has been completed.

95. *Hornby Road Scheme.*—The Pherozesha Mehta Road was opened to traffic on 26th May 1928.

96. Twelve cases were awarded during the year. The compensation paid for them amounted to Rs. 3,65,834. The possession of the properties was taken with tenants.

97. During the year 12 buildings were declared unsound and were demolished. The six buildings found unsafe have been propped up and maintained vacant for serving as lateral support to adjoining premises. By the sale of building materials of the unsound premises the amount of Rs. 7,825 was realised during the year.

98. A strip of surplus land admeasuring 72 square yards adjoining the Agiari at Pitha Street and fronting Pherozesha Mehta Road has been leased for three years at a monthly rental of Rs. 145.

99. The vacant land (admeasuring 126 square yards) at the junction of Pherozesha Mehta Road and Modi Street was let on a monthly tenancy at a rent of Rs. 126.

100. A small strip of frontage land admeasuring about 50 square yards at the Junction of Pherozesha Mehta Road and Hornby Road has been leased for one year at a monthly rental of Rs. 200.

101. During the year twenty-one cases were opened before the Land Acquisition Officer. Seven cases have been closed for award and the inquiry regarding others is proceeding.

102. The Municipal Commissioner's proposal for the withdrawal of two cases M/572-573, Gunbow Street, admeasuring about 52 square yards from the scheme was approved under Corporation Resolution No. 10799 of 25th February 1929. Government have been requested to amend the notification accordingly.

103. An auction of the plot of surplus land in the scheme opposite Messrs. Whiteaway Laidlaw was held but it proved abortive owing to the depressed state of the market.

104. *Acquisition of Byramji Hall Lane.*—Government under Section 4 of the Land Acquisition Act have notified their intention of acquiring the Byramji Hall Lane for absorbing it into the compound of J. J. Hospital. The land has not yet been notified under Section (6).

105. *Acquisition of the Nakhoda well at Carnac Road.*—The proceedings before the Land Acquisition Officer for the Acquisition of the well for the extension of the Goculdas Tejpal Hospital have been closed for award which is now awaited.

106. *Widening of 1st Marine Street.*—Acquisition of the three properties that remained to be acquired for the much desired widening of this lane had to be deferred for want of provision of funds in the Budget Now that the main 80' avenue from Hornby Road to Ballard Pier (Pherozesha Mehta Road) has been opened for traffic, the necessity for completing this scheme is becoming imperative, as a considerable stream of traffic is being diverted from Queen's Road *via* 1st Marine Street and Esplanade Road on to the new Pherozesha Mehta Road. To relieve the considerable congestion of traffic on a narrow section of Girgaon Road between Princess Street and Carnac Road the 1st Marine Street should be widened very soon.

107. *Tulsi Pipe Line Scheme.*—This scheme which was originally a road scheme, has been modified under Corporation Resolution No. 6509 of 21st September 1925 for accommodating public uetility srvices, *e.g.*, main sewers, main Drains, water mains and other underground

works. Out of a total of 43 cases 20 cases have been opened and heard before the Land Acquisition Officer and of these 10 cases have been awarded, 8 cases are closed for award and proceedings in 2 are going on. Fresh cases are being opened at the instance of the claimants.

108. Awards to the extent of Rs. 3,52,780 have been published by the Land Acquisition Officer and possession with tenants has been taken in 10 cases.

109. *Proposed Road from Haines Road to the Junction of Tulsi Pipe Line and Fergusson Road.*—This scheme held up for want of funds will have to be undertaken for accommodating the storm drains when the main drainage and sewerage works are approved.

110. *Grant Road Terminal Scheme.*—The reinstatement of assets disturbed on the Tardeo Flats is nearing completion.

111. The new Katchra siding at Mahalaxmi has not yet been taken over from the Railway Company, as certain Municipal requisitions are still to be carried out by the Railway Company.

112. About 200 ft. of condemned portion of the siding platform has been removed and is being reconstructed by the Railway Company.

113. The necessity for reconsidering the scheme for roads around Grant Road Terminal at Bellasis Road has been sufficiently emphasized in the last year's report. Now that the location of the Terminal has been finally determined and the work of construction of the Central Station is proceeding apace the necessity for providing roads round the Terminal will have to be considered. The covering of the open main drains which has been approved will provide the track for one of the main arterial roads.

114. *Extension of Municipal Workshop at Foras Road,*—The two properties acquired for the extension of the workshop continue to be let for want of provision of funds for workshop extension. The rent recoveries from this estate amounts to Rs. 12,192 per annum.

115. *Dhobiwada drying ground.*—The reclamation of this extensive area as approved by the Public Health Committee of the Corporation is being undertaken with such suitable debris and refuse as become available. By cutting temporary open channels this large area is satisfactorily drained in the monsoon.

116. *Municipal Siding at Carnac Road.*—The Railway Company have now forwarded an estimate amounting to about 2 lacs for providing sidings for the use of crushers. Experiments are in progress with the crushers for ascertaining the outturn and to see if the expenditure on railway siding will be justified.

117. *Palton Road Estate.*—All the available vacant land has been let on monthly tenancies and the sheds in the triangular portion have been cleared. Negotiations are proceeding with various parties for temporary leasing of the estate in plots or as a whole.

118. The annual income from this estate amounts to Rs. 13,344.

119. *Acquisition for Hindu Cemetery at Wadala.*—All the cases have been awarded and possession taken.

120. An estimate for erecting a compound wall and for filling in is under preparation.

121. The total expenditure for acquisition alone amounts to Rs. 26,617.

122. *Maternity Home at Bellasis Road.*—The main bungalow out of the large estate was occupied as a Maternity Home after suitable alterations and repairs in the early part of the year under review.

123. The other structures in the estate which were not required for the purposes of the Home have been rented out as shops, garages and stables. The total annual return by rent from this estate is Rs. 11,280.

124. *Byculla Market Site.*—The acquired land and buildings have been temporarily let out and the annual revenue amounts to Rs. 11,867.

125. Owing to financial stringency the idea of constructing a large market on modern lines on the site has been deferred, but a scheme for utilising the portion abutting on the bridge for shops and for erecting a temporary market on part of the ground has been prepared. Negotiations with private parties are proceeding for leasing the land for market and other purposes.

126. *Sale of Municipal plots of land at Dadar.*—A plot of land at the junction of 40 ft. road and Lady Jamshedji Road admeasuring about 902 sq. yds. has been sold to the Trustees of the Free Reading Room and Library at a concession rate for Rs. 19,046.

127. A second plot at the junction of Lady Jamshedji Road and 60 ft. road admeasuring about 3,172 sq. yds. has been sold for a cinema theatre at the rate of Rs. 40 per sq. yd., the amount is to be paid by instalments.

128. *Sale of land at Reay Road.*—A plot of land at the junction of Reay Road and Coppersmith Street admeasuring about 246. 5 sq. yds. has been sold outright for Rs. 2,882 to a private party. Another plot at the Junction of Reay Road and Kassara Pier Road admeasuring about 453 sq. yds. has been sold to the B. E. S. and Tramways Company for Rs. 18,098 for a sub-station.

129. *Sale of Reclaimed well site at Thakurdwar, Giragon.*—The reclaimed well site admeasuring about 145 sq. yds. was sold by public auction for a sum of Rs. 18,270 to the highest bidder.

130. *Letting Municipal land at Frere Bridge.*—The space directly below the cantilever portion and staircase was let out by public auction for erecting temporary shops. The total annual income derived from these lettings amounts to Rs. 5,952.

131. *Lease of Municipal land at Foras Road.*—The plot at the junction of Foras Road and Falkland Road near the Tram Depot, admeasuring about 243 sq. yds. was given over by public auction for a building lease of 10 years at a monthly rent of Rs. 133. One of the conditions of the lease being the provision of two tramway shelters. The building is now completed on the site.

132. *Letting Municipal land at Hamalwady.*—A plot of land admeasuring 75.3 sq. yds., originally acquired in connection with street widening, has been let out on a monthly rent of Rs. 30.

133. *Lease of Municipal land at Masjid Bridge.*—A plot of land admeasuring about 327 sq. yds. which formed portion of the Municipal road depot, has been leased for a period of 3 years, at a monthly rent of Rs. 278-9-0, renewable for a further period of 3 years for the purpose of building shops with access from the bridge.

134. *Acquisition of properties at Pydhonie.*—One of the plots sold under the terms of settlement has been completely built over. The work of building construction is just started on the other plot also. The Municipal structure acquired under the scheme has been let on a montly tenancy for a hotel at Rs. 225.

135. *Acquisition of land at Mingalwady, Mazagaon.*—Negotiations are being carried on for the sale of land acquired for the school. The selection of another site for the school is postponed for want of funds.

Cemetery.

136. *Jewish Cemetery at Haines Road.*—Only about 5,000 sq. yds. out of 15,000 sq. yds. required by the Jewish Community remain to be handed over. This area is now required by the Jewish Community, but the question of handing over the ground has been kept in abeyance until the demand is urgently felt.

Special Road Schemes.

137. *Dadar-Kumbharwada Road now called Bhavanishanker Road.*—In one case, the land to be acquired in lieu of betterment charges was withdrawn and the case is now closed. The other two cases pending before the Land Acquisition Officer are settled and submitted to the Corporation for their sanction. This being an important thoroughfare, building operations are going on and the locality is being developed throughout its entire length.

138. *Widening of Love Grove Pumping Station Road.*—Government had proposed to exchange their land for the Municipal land at Worli, but this exchange was not effected and the Government land was purchased by Municipality for Rs. 8,000.

139. *Mahim Kapad Bazar Road.*—This road is contemplated to be laid out from the money to be paid by the frontagers. Negotiations for the sale of surplus land have been recently opened and are in progress.

Mahim Development Schemes.

Scheme No. I.

140. *Mahim Station Road, Mahim Development*—The land surrendered in one case in lieu of betterment charges was notified and acquisition proceedings completed before the Land Acquisition Officer. The award will be published and possession taken shortly. A piece of land abutting the Tulsi Pipe Line and going in the proposed Tulsi Pipe Line Road was exchanged for Municipal surplus land in this Scheme and the road-way constructed along Tulsi Pipe Line. Dighee Tank has also been filled in and is now being used as a Recreation Ground.

Scheme No. II.

141. *Nardulla Tank, Mahim Development.*—Acquisition work has also been completed and all the roads in this scheme have been constructed. The low-lying ground has been filled in, and the Nardulla Park is being used as Recreation Ground by the public in the locality.

Scheme No. III.

142. *Extension of DeLisle Road Northwards to meet Lady Jamshedji Road.*—The additional four properties required in connection with the Cross Road joining the 100 ft. avenue and the roads in Mahim Park Scheme were notified and charge taken. Excepting the portion of the Portuguese Tank, the entire length of Gokhale Road and Lady Jamshedji Road from Delisle Road to Bandra Causeway has been asphalted and all the cross roads upto the 100 ft. frontage line have been laid out. The Portuguese Tank has been filled in and levelled. Ordinary water-bound macadam will in the first instance be constructed and when sufficient consolidation of the filling in has been effected asphalt will be laid over concrete foundations. The surplus land is being leased or sold. Negotiations for the sale of frontage land to Ramdas Mill have been completed and the case submitted to the Corporation for their sanction.

Scheme No. IV.

143. *Widening and improving of Lady Jamshedji Road.*—Acquisition work has been completed. Reference to the High Court in one case for enhancement of compensation awarded by the Land Acquisition Officer is likely to be withdrawn. Except for a portion near the Bombay Woollen Mills, the carriageway is now asphalted throughout its entire length from Bandra Causeway to Bombay Woollen Mills. All the traffic from Bombay to Bandra and the suburbs use this road which has developed into a very important thoroughfare. (A very large plot of land is utilised for the Camp of the Conservancy Department.)

Scheme No. V.

144. *Extension of Mahim Bazar Cross Road to Tulsi Pipe Line, Mahim Development.*—The last two cases settled and sanctioned by the Corporation have been closed for award, and possession of the land will be taken shortly. Owing to the settlements arrived at in these two cases, it become possible to take in hand the work of road construction and it has now been nearly completed. The road will be 60 ft. wide. Cross roads have been laid out. Owing to resumption by Government of their land at Mahim, it was found necessary to accommodate a portion of the bullock stables of the Conservancy Department on the surplus land in this Scheme.

Scheme No. VI.

145. *Road A B between Dadar and Matunga joining Lady Jamshedji Road to Tulsi Pipe Line.*—All the awards in respect of damages due to withdrawal from the acquisition of the lands notified in this Scheme have now been paid.

Scheme No. VII.

146. *Roads BD, CD, DE between Dadar and Matunga Stations.*—Awards in four cases were published and possession of the properties taken. There are now eight cases pending, out of which one is settled and sanctioned by the Corporation, negotiations for settlement

in six cases have nearly been completed and agreements are being drawn up and only one case is pending. Estimates for Storm-Water Drains, Sewers and Roads have been prepared and provision will be made in the next year's Budget if possible to complete the Scheme within a reasonable time.

Scheme No. VIII.

147. *Two roads from Cadell Road to Mahim Foreshore near E. D. Sassoon Dye Works.*—Acquisition work has been completed. The work of laying sewers in the north road has now been completed. Kerbs and channels laid and the road surface levelled. The south road has been constructed. The protective work on the sea-face has been completed with a parapet wall at the end of the road, thereby minimising the action of sea-waves on the road-surface.

148. *Mahim Park.*—Acquisition work has been completed. In one case a modified proposal for an exchange of Municipal land for the land already acquired was submitted and sanctioned by the Corporation. Negotiations for a piece of land fronting the sea have been completed and an agreement has been drawn up and sent for the party's signature. The storm-water drains in the inner roads comprised in this Scheme were laid during the year. The work of laying kerbs and channels on all the roads in this Scheme has been completed. The wall round the proposed park has been erected and the ground for the park has been cleared. The work of levelling the ground has been taken in hand and will shortly be completed. Some plots are specially laid for Cricket, Tennis, Badminton, etc., Courts, and have been let out to various clubs. The whole Park affords Recreation Ground for many other games also.

149. *Widening Lady Jamshedji Road to 80 feet from Bombay Woollen Mills to Dadar Overbridge.*—All the set-back lands have been acquired and thrown into the road. In one case compensation for the land acquired has yet to be settled. In the other six cases compensation has been paid. Asphalt on concrete foundations has been laid on half the width of the road and concreting the other half has been completed. The work of asphalting the remaining half will be taken in hand shortly. The work of laying sewers and storm-water drains from Dadar Overbridge to Portuguese Church Street has been completed and concrete foundations laid.

150. *Widening Portuguese Church Street from Ash Lane to its junction with Lady Jamsetji Road.*—In order to do away with the dangerous corner at the junction of Portuguese Church Street and Lady Jamshedji Road, it was found necessary to widen this remaining portion of the street immediately and the negotiations for the acquisition of land for this purpose were opened with the Trustees of Antonio D'Silva School and the adjoining owners of the properties, with the result that two cases have been settled by agreements and the land has been notified for acquisition under the Land Acquisition Act. This will facilitate the removal of the dangerous corner at an early date. Negotiations for the other three cases are proceeding. If these are settled, the locality will be developed by the addition of three proposed roads in addition to the widening of Portuguese Church Street.

151. *Proposed Road at Ganesh Peth Lane joining Hasali Tank Lane with Lady Jamshedji Road.*—Owners of the properties abutting on this lane having agreed to contribute towards the cost of the proposed 40 feet road, plans and estimates were prepared and submitted to the Corporation. These have been approved. The road will be constructed after all the parties have paid their contributions.

152. *Widening of Mahim Durgah Lane.*—One acquisition case has been settled and sanctioned by the Corporation and the proceedings before the Land Acquisition Officer will shortly be opened for acquiring the land. Negotiations in respect of the other property have resulted in the acquisition of the land required for the road. This widening will greatly relieve the congestion of traffic to the Durgah at the time of Mahim Fair.

153. Recoveries of betterment and road construction charges in settled cases are being effected either by settlements or by filing suits in the High Court.

154. Rents for trees and structures let out are being regularly and satisfactorily recovered from the Contractors and the tenants.

155. Statements A and B showing the number of cases dealt with in different Schemes together with the amounts of expenditure, rent recoveries, etc., are appended hereto.

A

Statement showing the Details in Development and other Major Schemes.

Name of the Scheme.	Total No. of Cases.	Expenditure upto 31st March 1929.	Total Area acquired in Sq. Yds.	Area to be thrown into Roads, Parks and Cemeteries, etc.	Area available for sale in Sq. Yds.	Approximate value of area available for sale.	Recoveries by sale of surplus land and materials upto 31st March 1929.	Recoveries under settlement.			Suits filed for recovering and Number of Reference in High Court.	Total No. of Conveyance.	Remarks.
								Amount recovered.	Amount to be recovered.	Total amount.			
		Rs. a. p.				Rs.	Rs. a. p.	Rs.	Rs.	Rs.			
Golanji Hill Road Scheme ..	24	10,50,628 7 1	81,236	30,466	50,770	10,15,400	5,234 13 0	....	....	....	5	3	
Hornby Road to Ballard Pier Road	222	1,82,81,800 3 9	54,588	21,238	45,264	1,55,36,500	1,55,408 0 3	....	....	....	...	...	Total area under acquisition =60,590 sq. yds.
Dalal Street Scheme	6	3,91,156 8 1	3,759	1,729	800	2,00,000	3,93,388 11 0	....	....	....	..	1	
Mahalaxmi Overbridge.. ..	17	15,20,445 10 5	10,651	6,234	6,453	5,16,240	29,793 9 0	....	....	.....	1	..	
Acquisition of land for Hindu Cemetery at Wadala ..	13	26,845 12 11	9,599	9,599	....	....	....	....	....	....	6	...	
Victoria Overbridge	21	5,15,766 0 0	12,655	7,052	5,653	1,70,000	1,53,361 0 0	....	....	....	..	...	
Tulsi Pipe Line Scheme ..	43	1,53,115 12 5	6,030	4,545	1,485	11,880	....	....	....	.....	1	...	
Dadar Overbridge	31	16,56,631 5 3	50,801	15,990	15,875	4,76,250	2,77,093 0 7	....	....	.....	..	...	
Acquisition of properties for widening Masjid Bunder Road and Samuel Street ..	2	88,286 3 10	350	220	.. ..	....	288 0 0	....	....	....	..	..	
Acquisition of properties at Masjid Bunder Road and Abdul Rehman Street ..	2	.....	268	268	....	....	....	.....	....	...	..	...	
Acquisition of property near Pydhoni	4	60,364 10 11	214	32	240	84,000	25,000 0 0	....	....	.....	..	...	
TOTAL ..	385	2,37,45,040 10 8	2,30,151	97,373	1,26,540	1,80,10,270	10,39,567 1 10	.....	.....	.....	13	4	

A

Statement showing the details in Development and other Major Schemes—contd.

Name of the Scheme.	Total number of cases.	Expenditure upto 31st March 1929.	Total area acquired in Sq. Yds.	Area to be thrown into Roads, Parks and Cemeteries, etc.	Area available for sale in Sq. Yds.	Approximate value of area available for sale.	Recoveries by sale of surplus land and materials upto 31st March 1929.	Recoveries under settlement.			Suits filed for recovering and number of Reference in High Court.	Total number of Conveyance.	Remarks.
								Amount recovered.	Amount to be Recovered.	Total amount.			
		Rs. a. p.				Rs.	Rs.	Rs.	Rs.	Rs.			
Dadar Kumbharwada ..	53	6,96,188 0 0	36,960	22,235	11 946	2,81,250	79,183	1,83,832 (Int. 720).	1,17,442	3,01,274	1	17	
Mahim Park	65	57,08,306 0 0	3,53,861	57,830 1,65,479 (Park).	1,30,552	62,66,000	4,331	17,562	66,468	84,030	3	4	
Kapad Bazar Road	2	31,429 0 0	645·16	493	152	3,040	....	3,000	....	3,000	1	..	
Mahim Station Road Scheme No. I	23	4,21,379 0 0	62,455	28,137 3,778 (Park).	23,108	5,77,700	....	2,27,767	....	2,27,767	.. 1	13	
Nardulla Tank Scheme No. II	33	7,62,821 0 0	73,737	26,461 31,876 (Park).	12,500	3,50,000	5,927	2,92,917	12,940	3,05,857	1	14 *plus* 1 lease	
Extension of DeLisle Road to meet Lady Jamsetji Road Scheme No. III	65	16,87,028 0 0	1,86;240	81,780	85,779	24,01,812	8,693	98,630 (Int. 6,119)	13,597	1,12,227	2	25	
Widening of Lady Jamshedji Road Scheme No. IV ..	124	33,08,843 0 0	1,87,582	66,877	1,15,301	39,20,234	33,066	2,06,729	58,820	2,65,549	8	15	
Extension of Mahim Bazar Cross Road Scheme No. V ..	11	2,92,338 0 0	40,207	13,839	26,204	4,00,060	....	13,708	574	14,282	..	2	
Road A-B between Dadar and Matunga Scheme No. VI ..	9	62,462 0 0	8,078	1,022	7,056	1,05,840	....	....	....	....	..	..	
Roads B-D, C-D and D-E between Dadar and Matunga Scheme No. VII	49	3,62,344 0 0	66,489	16,992	49,567	7,43,505	5,464	2,986	....	3,986	..	6	
Roads to the South and North of E. D. Sassoon Dye Works	11	2,65,203 0 0	18,158	4,875	12,617	2,52,340	....	57,750 (Int. 157-8).	....	57,750	1	3	
TOTAL ..	445	1,35,98,341 0 0	10,34,412·16	5,21,674 2,01,133 (Park).	4,74,782	1,53,01,721	1,36,664	11,04,881 (Int. 6,996-8).	2,69,841	13,74,722	18	100 1 lease.	
GRAND TOTAL ..	830	3,73,43,381 10 8	12,64,563·16	6,19,047 2,01,133 (Park).	6,01,322	3,33,11,991	11,76,231 1 10	11,04,881 (Int. 6,996-8).	2,69,841	13,74,722	31	104 1 lease.	

Statement showing the annual Rental recoveries by the Acquisition Branch.

Serial No.	Name of Scheme.	Total annual income from structures.			Total annual income from Trees, Cultivation, Tapping, etc.		
		No. of Tenancies.	Amount.	No. of suits filed for recovering rents.	No. of Tenancies.	Amount.	No. of suits filed for recoveries.
			Rs. a. p.			Rs. a. p.	
1	Hornby Road-Ballard Pier Scheme.	617	2,83,369 0 0	5			
2	Golanji Hill Road Scheme ..	94	10,551 0 0	4			
3	Mahalaxmi Overbridge.. ..	153	34,684 8 0	4			
4	Victoria Road Overbridge ..	40	6,138 0 0				
5	DeLisle Road Overbridge ...	112	11,010 0 0	6			
6	Tulsi Pipe Line Road	4	2,388 0 0				
7	Dadar Overbridge	6	780 0 0	1	1	20 0 0	
8	Old Purbhadevi Road	24	2,118 0 0	6	5	2,655 0 0	
9	Junction of DeLisle Road and Arthur Road.	20	4,824 0 0				
10	1st Marine Street	4	2,400 0 0				
11	Palton Road Estate	240	13,344 10 0				
12	Bapty Road	2	12,192 0 0				
13	Mustan Tank Road	77	7,304 4 0				
14	Byculla Bridge Market ...	46	11,867 13 0				
15	Kalbadevi Road	5	420 0 0				
16	Shaik Memon Street	7	9,036 0 0	1			
17	Chandanwadi	8	4,602 0 0				
18	Pydhoni Street	1	2,700 0 0				
19	Sewree Road	19	576 0 0				
20	Vincent Road	1	279 0 0				
21	Dadar-Kumbharwada Road ..	40	4,887 0 0	5	9	1,281 8 0	
22	Mahim Park Scheme	136	29,704 8 0	1	52	17,954 4 0	1
23	Mahim Bazar Cross Road V ...	11	624 0 0		7	1,502 8 0	
24	Mahim Station Road I.. ..	10	1,074 0 0		8	1,474 0 0	
25	Nardulla Park Area II ..	13	1,224 0 0		2	128 2 0	
26	DeLisle Road Extension III ..	53	4,812 0 0		41	9,246 9 4	
27	Lady Jamshedji Road IV ..	170	16,268 12 0	2	62	14,154 8 0	
28	Tulsi Pipe Line and Carrol Road.	28	2,968 8 0	2			
29	Tulsi Pipe Line Chawls.. ..	32	700 12 1				
30	Dadar-Matunga Road VI and VII.	91	4,728 0 0		25	4,427 12 0	
31	Turkey Red Dye Works VIII.	8	768 0 0		14	3,067 8 0	
32	Sayani Road	3	1,020 1 0				
33	Ground rent for plots in various localities.	99	1,29,890 13 3				
34	Opposite Kavarana Buildings.	..	....		2	805 0 0	

Serial No.	Name of Scheme.	Total annual income from structures.			Total annual income from Trees, Cultivation, Tapping, &c.		
		No. of Tenancies.	Amount.	No. of suits filed for recovering rents.	No. of Tenancies.	Amount.	No. of suits filed for recoveries.
			Rs. a. p.			Rs. a. p.	
35	Near Saitan Chowki	..	....		1	54 0 0	
36	Opposite Reformatory	..	....		1	12 8 0	
37	Work	..	....		1	25 8 0	
38	Junction of Foras Road and Falkland Road.	1	1,437 4 2				
39	Musjid Bunder Road	1	2,540 5 0				
	Total ..	2,176	6,23,232 1 6	37	231	56,808 11 4	1

Summary.

Total annual rent, realisable from all sources.	Rs. 6,80, 040-12-10
Total number of tenancies =	2,407
Total number of suits filed for rent recoveries =	38

Report of Works Branch.

156. *S. W. Outfalls in Mahim Bay Foreshore.*—In the Mahim District with an area of 1,243 acres the S. W. drainage of 580 acres has now been permanently provided for and further areas are being dealt with.

157. Seven outfalls to the foreshore have until now been constructed which drain the area referred to above.

158. *Love Grove Quarry Crusher.*—The out-turn from these Crushers for the year was 6,27,992 C. ft. which was used on Road Works, both asphalt and tarred, as also in the construction of S. W. Drains.

159. The attached statements show the works that were looked after by this branch.

I have the honour to be,
Sir,
Your most obedient servant,

T. K. RODDAN,
Executive Engineer.

ROAD WORKS.

Name of works.	Amount of estimates sanctioned.	Expenditure booked by D. E. W. upto 31st March 1929.	How being carried out.	State of works as at March 1929.	Remarks.
	Rs.	Rs.			
Mahim Development Scheme No. I	4,63,164	2,65,238	Departmentally and contract	....	Completion of works in this Scheme depends on acquisition. Portion of Tulsi Pipe Line Road included in the Scheme was let out by contract and was completed.
,, ,, ,, II	8,86,204	3,86,903	Departmentally ..	... ..	Completion of work in this Scheme depends on acquisition of properties.
,, ,, ,, III	25,07,234	4,82,249	Contract	....	Construction of Main Road through P. C. Tank and layout of 3 Cross Roads are under consideration.
,, ,, ,, IV	39,85,494	5,90,909	Departmentally and contract.	... ..	Main road completed.
,, ,, ,, V	4,70,690	42,326	Departmentally ..	... .	Work of main road is nearing completion and that of Cross Roads is in progress.
,, ,, ,, VIII	2,93,155	54,355	Do. ..	South Road completed	Construction of North Road is in progress. Sea-wall work is also in progress.
Widening further portion of Bandra Causeway. ..	1,12,252	1,04,992	Do. ..	Completed. ..	Accounts being adjusted.
Dadar Overbridge Scheme.					
(*a*) Roads	1,40,194	86,705	Do. ..	,, ..	Footpaths, &c., are being taken in hand as conditions permit.
(*b*) S. W. Drains	44,139	43,363	Do. ..	,, ..	
(*c*) Sewers	48,356	42,270	Do. & contract.	,, ..	
Constructing proposed Nardulla 50′ Extension Road to Tulsi Pipe Line Road.	71,121	30,282	Departmentally ..	,, ..	Lighting is being arranged for Pavement, &c., depends on developments.
Tulsi Pipe Line Road from Dadar Road to Dadar Overbridge.	93,267	63,541	Do. ..	,, ..	Asphalt surfacing for 500′ towards Bridge is still to be done. Paving of footpaths is in progress.
Construction of Dadar-Kumbharwada Road ..	4,15,025	4,14,861	Do. ..	,, ..	Minor works remaining to be done pending acquisition.
Constructing road at New Kutchra Siding at Mahaluxmi.	24,437	14,668	Do. ..	,, ..	
Widening Globe Mill Passage	1,61,300	41,818	Do ..	,, ..	Half width of this road as per sanctioned estimate has been completed. Paving of footpaths will be taken in hand when the underground services are laid. Lighting is being arranged for.
Construction of 80′ Lady Jamshedji Road from Bombay Woollen Mills to Portuguese Church Street.	3,37,263	1,12,296	Departmentally and contract.	,, ..	Asphalt surfacing will shortly be done. Paving of footpaths and planting trees are being arranged for.

NEW SEWERS.

Name of works.	Amount of estimate sanctioned.	Expenditure booked by D. E. W. upto 31st March 1929.	How being carried out.	State of works as at March 1929.	Remarks.
	Rs.	Rs.			
Constructing sewers in new 80′ Lady Jamshedji Road from Woollen Mills to Portuguese Church Street.	63,016	33,561	Contract ..	Completed. ..	Accounts being adjusted.
Constructing sewer in proposed 40′ Cross Road between 80′ Lady Jamshedji Road and Hasali Tank Lane.	4,952	1,602	Departmentally ..	.... ..	Small portion of this sewer is to be laid pending acquisition.
Constructing pipe sewer crossing Lady Jamshedji Road at Naska Tank.	8,753	3,740	Contract ..	Completed. ..	Half length of sewer crossing is completed in order not to disturb the asphalted portion.
Constructing pipe sewer crossing DeLisle Road Extension at Ash Lane.	17,023	7,716	Do. ..	Do. ..	Accounts being adjusted.
Constructing pipe sewer crossing DeLisle Road Extension at 60′ Road North of Ash Lane.	11,227	5,518	Do. ..	Do. ..	Do.
Sewer in the proposed road north of Sassoon Dye Works from Cadell Road to the Sea.	5,405	5,133	Departmentally ..	Do. ..	Do.

STORM-WATER DRAINS.

Name of works.	Amount of estimate sanctioned.	Expenditure booked by D. E. W. upto 31st March 1929.	How being carried out.	State of works as at March 1929.	Remarks.
	Rs.	Rs.			
S. W. Drain in Dadar-Kumbharwada Extension No. 3	23,851	14,671	Departmentally	Completed	Accounts being adjusted. Compensation to be paid to the parties is under consideration
S. W. Drain in a portion of Cadell Road to south of Lady Jamshedji Road and in a portion of Cadell Road north of Scottish Orphanage Road including Outfall No. 5	22,245	16,109	Do.	Do.	
Ramp in continuation of Road south of Scottish Orphanage and Outfall at Mahim Foreshore	27,411	23,908	Do.	o.	
Constructing S. W. Drain in proposed 40′ Cross road between 80′ Lady Jamshedji Road and Hasali Tank Lane	3,027	2,142	Do.	....	Small portion of this drain is to be laid pending acquisition.
S. W. Drain in a portion of Cadell Road Mahim Bazar Cross Road including Outfall No. 6	72,807	65,001	Contract	Completed	
S. W. Drain in a portion of Cadell Road including Outfall No. 7	33,472	31,838	Do.	Do.	
S. W. Drain in Globe Mill Passage	32,546	22,919	Departmentally	Do.	Accounts being adjusted.
Constructing S. W. Drains in inner Roads in Mahim Park	75,541	55,651	Contract	Do.	Departmental work of laying pipes in Park Area will be done shortly when Park Area will be laid out.
S. W. Drain No. IV Extension upto DeLisle Road Extension	10,784	6,275	Departmentally	Do.	Accounts being adjusted. Compensation to be paid to the parties is under consideration.
S.W. Drain in Dadar-Kumbharwada Extension V up to Channel	35,807	21,037	Do.	In progress	
S. W. Drain in Dadar Gully	15,847	7,106	Do.	Do.	

STORM-WATER DRAINS—*concluded.*

Name of works.	Amount of estimate sanctioned.	Expenditure booked by D. E. W. upto 31st March 1929.	How being carried out.	State of works as at March 1929.	Remarks.
	Rs.	Rs.			
S. W. Drain in proposed 60′ Road from Portuguese Church Street junction Old Parbhadevi Road to Delisle Road Extension	17,570	13,186	Departmentally ..	Completed ..	Accounts being adjusted. Compensation to be paid to the parties is under consideration.
S. W. Drain in Ash Lane (Proposed 40′ Road) from Delisle Road Extension to Cadell Road	28,635	35	Contract	In progress ..	
S. W. Drain in proposed 60′ Road from Portuguese Church Tank to Cadell Road south of Sonapur Lane draining to Outfall No. 3.	31,699	16,597	Departmentally ..	Do. ..	
Extension of Mahim S. W. Drain Outfall No. I ..	1,07,862	41,777	Contract	Completed ..	Accounts being adjusted.

XIII.—GARDENS AND OPEN SPACES.

Filling in low-lying ground in Nardulla Scheme ..	3,11,085	14,823	Departmentally ...	....	Surface dressing is progressing as circumstances permit and Park is to be laid out.
Filling in low-lying ground within Dadar Overbridge Scheme	23,219	21,246	Contract	Completed ..	
Development Schemes.					
Golanji Hill Road	13,68,385	....	.....	....	No work is started.
Hornby Road to Ballard Pier Scheme—Roads, Sewers and S. W. Drains	4,07,814	1,75,904	Departmentally and Contract.	....	Contract work completed. Further construction depends on acquisition.
Mahim Park—Semi-permanent roads and layout of Park	63,84,966	52,936	Departmentally	In progress ..	

No. M.-C./2-A. of 1929-30.

BOMBAY, 31*st May* 1929.

FROM

THE EXECUTIVE ENGINEER,

To

THE MUNICIPAL COMMISSIONER

FOR THE CITY OF BOMBAY.

SIR,

I have the honour to forward herewith the Administration Report of the Departments under my control for the year 1928-29.

2. The report is divided under the following heads :—

	Paras.	Nos.
Disposal of Town Sweepings	3 —	11
Drainage	12 —	46
Mechanical Branch	47 —	95
Roads and Footpaths	96 —	139
Tramways	140 —	142
Public Lighting	143 —	149
Private Building Construction (including setbacks)	150 —	169
Repairs to Municipal Buildings and Plague Measures	170 —	173
House Numbering	174 —	175

DISPOSAL OF TOWN REFUSE.

New Works.

3. There were no new works during the year.

4. The Skinning Ground was shifted to another site at the cost of the Military Department as the former site was too close to the newly established Military Explosives Depot at Mani.

5. Negotiations in the matter of the lease of the newly acquired land for the proposed Slaughter House at Deonar are still going on with Government and the final draft of the lease is being scrutinised by the Municipal Solicitors.

Area Reclaimed.

6. The area reclaimed during the year was only four acres, as most of the kutchra was thrown on the sides of the chord bund over portions already filled in but which were burnt down by fire. The total area reclaimed so far approximately measures 270 acres.

Income.

7. The rights of cultivating the reclaimed land and the Slaughter House site for the year ending 31st March 1929 were sold for Rs. 22,500 and Rs. 1,500 respectively and those of fishing in the Khajan, &c., for Rs. 3,150. The right of keeping a Grocer's shop in the Municipal Camp at Chembur was sold for Rs. 255.

Accidents and Fire.

8. There was one serious accident on the reclamation in which an engine got derailed and in consequence smashed one Municipal brakevan and one kutchra wagon completely. The cause of the accident was attributed, in the joint enquiry held by the Officers of G. I. P. Ry., to excessive speed used by the driver combined with the line not being joined by a proper fish-plate, but this latter point is still under dispute and not yet decided. Fire raged continuously throughout the year and the train had to be shifted from siding to siding every time.

Detention to Kutchra Trains.

9. Engine detention fee of Rs. 5 per hour per trip had to be paid throughout the year as the length of the temporary siding was too long to allow the shunting operations being done within the stipulated time of 30 minutes.

Sickness.

10. There was not much sickness in the Camp consisting of over 500 souls. The Medical Attendant Dr. Rane of the Health Department visited the camp regularly three times a week and administered medicines. There were 30 deaths during the year of which 21 were children.

11. The elementary vernacular school for the low caste children established 21 years ago by the Depressed Classes Mission Society is progressing well, the average attendance was 50 pupils.

Construction of Sewers, Drains and Public Conveniences.

12. The first, second, third and fourth sections of the Ovoid Sewer in connection with the Duplication of the Tansa Main worked very satisfactorily during the year.

13. No further claims for the Extension of the Low Level Channel No. II from DeLisle Road to Dadar Road, through which the channel was constructed under the powers reserved to the Municipal Commissioner under Section 222 of the Municipal Act, were preferred during the year.

14. Eight works shewn in the Statement marked " A " were carried out by contracts at a cost Rs. 1,46,851-1-3.

15. Following nine works were carried out through the agency of the Petty Works Contractors at the cost noted against each :—

		Rs.	a.	p.
1.	Providing a 12" S. W. pipe drain with all necessary appliances in Benham Hall Lane and connecting it to the existing drain at the junction of Girgaum Road and Benham Hall Lane	2,822	8	4
2.	Providing necessary drainage arrangements in a portion of Charni Road between Sandhurst Road and Grant Road..	3,683	5	2
3.	Providing full-sized water entrances and Cast Iron frames and covers over the scraper manholes on the ovoid sewer in Falkland Road between Carpenter Street and Erskine Road	997	15	11
4.	Remodelling the underground drainage works in Morland Road	3,705	2	5
5.	Effecting necessary repairs to the Municipal Halalkhore chawls opposite G. I. P. Railway lines, Mazagaon Road	1,261	6	8
6.	Repairing the open channel drain and the pavement wherever damaged at the Municipal Halalkhore chawls at Purbhadevi Road	1,332	4	11
7.	Providing two wash-basins for patients in each of the Wards Nos. 1, 2, 3, 4, 7, 8, 9 and 12, and one in the Admission Block (17 in all) in Arthur Road Hospital	952	4	3
8.	Providing necessary drainage arrangements in DeLisle Road between Haines Road and Arthur Road	2,282	12	9
9.	Providing a 6" pipe drain with inspection chambers, gullytraps, etc., in the common housegully between Kamatipura 6th and 7th Streets	5,593	3	0

16. The last work was carried out to enable the Health Department to take action for the conversion of the existing privies on the basket system into water-closets on the full flushing system in respect of the premises abutting on these streets and with a view to improving the general sanitary condition of the district.

17. Twenty-one small drainage works were carried out through the agency of the Petty Works Contractors out of the grant of Rs. 15,000 provided in the Budget under New Works, Drainage and the total certified expenditure upto the end of the year amounted to Rs. 10,456-3-4.

18. A provision of Rs. 3,000 was made in the Budget for the year under report under New Works for providing permanent manholes over storm water drains. Six manholes were provided at Sadashiv Cross Lane, one at Esplanade Road between 1st Marine Street and Hospital Lane, four at Kitchen Garden Lane, nine at Imamwada Road, five at Sindhi Lane, six at Mirza Street and three at Clive Road. The work was carried out through the agency of the Petty Works Contractors and the total certified expenditure upto the end of the year amounted to Rs. 2,363-4-11.

Alterations to Drains.

19. Ninety-two small works of repairs and alterations to drains and gutters were carried out either departmentally or through the agency of the Petty Works Contractors. The total certified expenditure upto the end of the year amounted to Rs. 15,757-8-11.

20. The work of renewing manhole frames and covers, gratings and ventshafts was also carried out departmentally during the year at a total cost of Rs. 4,983-5-0.

21. No damage of any kind was done either to the sea wall or to the Biological installation in connection with the Malabar Hill sectional sewerage works during the last rains.

22. The large storm water drains in Reay Road, Connaught Road, Parel Road and Suparibaug Road worked satisfactorily during the year.

23. There are about 141·28 miles of pipe sewers and the systematic cleaning of these sewers was carried out throughout the fair season. Double disc and cleaning rods were passed through 79·21 miles of these sewers and the silt removed therefrom amounted to 2,930·88 tons or 74,311 c. ft.

24. There are 16·83 miles of main ovoid sewers including the duplication. Scrapers were passed through 10·08 miles of these sewers and the silt removed therefrom amounted to 485·36 tons or 12,305 c. ft.

25. There are about 192·72 miles of storm water drains out of which 20·53 miles were cleaned and 9,997·91 tons or 2,33,468·25 c. ft. of silt removed therefrom.

26. An extra grant of Rs. 34,000 for cleaning storm water drains, water-courses and ovoid sewers was provided for in the Budget for the year under report and the work of cleaning large storm water drains, water-courses and ovoid sewers was done at the following places :—

(*a*) Storm water drains in Falkland Road, Argyle Road, Erskine Road, Haines Road, Tardeo Road, Khoja Street, Gilder Lane, Sleater Road and Kika Street were cleaned at a total cost of Rs. 16,380-2-0.

(*b*) Water-courses in Anjirwady, DeLisle Road, Dadar Road, Currey Road, Kharwawady (Walkeshwar), Naigaum Road, Arthur Road, Tardeo Flat (old), Nepean Sea Road, Matunga Road (Vatsraj Lane), Warden Road, Haines Road (Dhobi Ghat), Elphinstone Road, Carroll Road, Narayan Dabholkar Road, Sewri Cemetery, Mahim Road, Queen's Road and Tulsi Pipe Line Road were cleaned at a total cost of Rs. 8,805-14-0.

(*c*) The work of cleaning ovoid sewers was carried out at a total cost of Rs. 3,198-3-0.

27. There are 32 catchpits on pipe sewers and 9 on main sewers. The silt removed therefrom during the year amounted to 2,542·36 tons or 64,454·42 c. ft.

28. There are 341 underground flushing chambers to flush pipe sewers and 709 ventshafts to ventilate the sewers.

29. The work of cleaning open main drains at Worli was carried out departmentally at a total cost of Rs. 4,353-2-0, out of the grant of Rs. 5,000 provided for the purpose and the silt removed therefrom amounted to 18,469·86 tons or 4,68,250 c. ft.

30. The expenditure on the maintenance and upkeep of the open main drains and the Low Level Channels amounted to Rs. 3,579-14-6, against the grant of Rs. 5,000 provided for the purpose.

31. A provision of Rs. 8,000 having been made in the Budget for cleaning the Low Level Channels, the work was carried out during the year at a total cost of Rs. 5,756-6-0 and the silt removed therefrom amounted to 13,972·80 tons or 3,54,240 c. ft.

32. The work of constructing Relieving Arches for strengthening the old main drain at Falkland Road was carried out departmentally and completed during the year upto the limit of funds provided in the Budget. The total certified expenditure upto the end of the year amounted to Rs. 3,264-4-4.

Ejectors.

33. The ejectors worked fairly well during the year. There was, however, heavy surcharging of the sewers in practically all the ejector districts particularly at Colaba and the Warden Road and Nepean Sea Road districts, where the ejectors were not able to fully cope up with the sewage owing partly to the increased water supply and mainly to the fact that these ejectors were installed some 35 years back and the population has outgrown all reasonable expectations.

Sluices, Etc.

34. There are 13 existing sluices for the storm-water outfalls and 24 fair weather connections which were maintained in working order during the year.

Latrines, Urinals & Night Soil Depots.

35. The following four works of constructing latrines and urinals were carried out through the agency of the Petty Works Contractors :—

	Rs.	a.	p.
1. Constructing a public sanitary convenience at the junction of Foras Road and Jairajbhai Lane.	2,256	6	8
2. Constructing a two seated urinal at Girgaum Road near Kennedy Bridge Level Crossing	639	9	3
3. Providing a ten-seated water-closet at Arthur Road	4,500 (approximately).	0	3

Conversion of existing Privies on the Basket System into Water Closets on the Full Flushing System.

36. Under their Resolution No. 2087, dated 14th June 1927 the Corporation having approved of the above scheme, necessary action was taken against the house-owners and 2,412 privy seats were converted into water closets on the full flushing system upto the close of the year.

Street and House Connections.

37. The street portions of the house drain connection works in the city were carried out departmentally. During the year 187 sullage connections were made and the certified expenditure upto the end of the year amounted to Rs. 17,022-3-1. These connections served 355 premises all of which are drained on closed system.

38. In addition to the above, 72 storm water connections were made and the tota certified expenditure upto the end of the year amounted to Rs. 6,937-5-5.

39. About 43 estimates and 81 plans were prepared for the issue of notices under Sections 222, 230, 231, 232, 238 and 244 of the Municipal Act.

Miscellaneous.

40. Works to the extent of Rs. 1,97,053 including repairs and alterations to and cleaning of sewers and drains generally, making minor additions thereto and the drainage arrangements of the various Health Camps, etc., as also all new drainage works provided for in the Budget for 1928-1929 were carried out during the year. Out of these, works costing Rs. 1,31,004 were carried out departmentally and the rest were executed through the agency of the Petty Works Contractors.

41. A new type of improved concrete cover for water entrances was introduced fourteen years ago. It has not only proved satisfactory for the effectual closing of the water entrances during the fair season but has also prevented the escape of foul gases and the breeding of mosquitoes.

42. The total number of such covers fixed upto the end of the official year under report was as under, the cost having been met out of the miscellaneous grant :—

Ward	Nos.
A	718
B	92
C	125
D	128
E	100
F	1,611
G	336
Total	3,110

43. Other water entrances were covered over with closeable gratings in cast iron frames which are a further improvement on the above and are now used for all new water entrances.

44. 2,578 notices were issued under different sections of the Municipal Act against the owners of premises for remedying the defects in the drainage arrangements.

45. 966 summonses were issued for not complying with the requisitions.

46. Fines amounting to Rs. 1,936-8-0 were inflicted on the owners of premises for non-compliance with the requisitions.

"A."

Works done by Contract during the year 1928-29.

Serial No.	Names of Works.	Names of Contractors as per Standing Committee's Resolution No.	Contract Amount.	Actual expenditure including establishment upto 31st March 1929.	Contract date of completion.	Actual date of completion.	REMARKS as regards progress.
			Rs. dec.	Rs. a. p.			
1	Constructing an ovoid sewer in Sydenham Road between Carnac Road and Janjiker Street and in a small portion near Nagdevi Cross Lane.	Messrs. Sharma & Vijan Bros., Standing Committee No. 8955 of 1st December 1927.	62,05[illegible]·90	49,328 6 1	15th May 1928.	9th June 1928..	Work completed. Accounts adjusted.
2	Providing necessary drainage works in Ripon Road.	Mr. S. S. Shirali, Standing Committee No. 11740 of 22nd February 1928.	10,601·03	8,138 12 8	30th May 1928.	2nd May 1928.	Do. do.
3	Providing drainage works in Haines Road between Byculla Bridge and Mahaluxmi Level Crossing.	Mr. S. S. Shirali, Standing Committee No. 13148 of 29th February 1928.	8,463·93	6,455 4 8	1st May 1928 ..	15th May 1928.	Do. do.
4	Providing a 12" pipe storm-water drain with necessary half sized and full sized water entrances and constructing a manhole in place of lamphole on the existing pipe sewer in a portion of Chinch Bunder Road between 1st Chinch Bunder Road and Dongri Street.	Messrs. Pallonji Edulji & Son, Standing Committee No. 5915 of 3rd October 1928.	12,163·23	7,690 3 9	23rd Dec. 1928.	22nd Dec. 1928.	Work completed. Accounts to be adjusted.
5	Providing 12" S. W. pipe drains with water entrances in Jail Road, East, and manholes on the existing pipe sewer in the same road.	Messrs. Pallonji Edulji & Son, Standing Committee No. 5917 of 3rd October 1928.	20,459·81	11,581 3 11	Do. ..	14th Dec. 1928.	Do. do.
6	Providing a 9" pipe sewer and a 12" S. W. pipe drain with all necessary appliances in a portion of Chinch Bunder Road between Sandhurst Road and Mazagaon Road.	Messrs. Pallonji Edulji & Son, Standing Committee No. 5916 of 3rd October 1928.	12,37[illegible]·60	8,171 8 [illegible]	Do. ..	19th Dec. 1928.	Do. do.
7	Providing storm-water drains in Ridge Road and Little Gibbs Road.	Mr. Chandishah Obhroy, Standing Committee No. 6668 of 24th October 1928.	38,499·19	24,733 4 6	8th Feb. 1929..	19th Jan. 1929.	Do. do.
8	Constructing an ovoid sewer in Sydenham Road from 385 Ft. South of Musjid Bunder Road to Janjiker Street and in a small portion near Carnac Road.	Messrs. Tejoo Kaya & Co., Standing Committee No. 6487 of [illegible]7th October 1928.	89,918·77	30,751 4 11	20th May 1929.	..	Work in progress.

MECHANICAL BRANCH.

Municipal Workshops.

1928-29.

47. The total expenditure incurred during the year for works at the Municipal Workshops aggregated Rs. 3,78,943-0-9 as under :—

	Rs.	a.	p.
For Departmental works	2,81,112	4	6
For Establishment, etc., charges—			
(*a*) Shop	39,637	9	6
(*b*) Office	58,193	2	9
Total Rs. ..	3,78,943	0	9

48. The total amount of bills preferred by the Workshops during the year 1928-29 aggregated Rs. 3,51,637-1-3 as under :—

	Rs.	a.	p.
Amount chargeable on different jobs during the year	3,56,315	5	5
Add—Amount of incomplete jobs at the beginning of the year..	6,137	9	0
	3,62,452	14	5
Deduct—Amount of incomplete jobs at the end of the year 1928-29	10,815	13	2
Total amount of bills preferred by the Workshops during the year 1928-29	3,51,637	1	3

49. The working of the shops resulted in a loss of Rs. 21,327-12-4 as under :—

The actual charges are as follows :—

	Rs.	a.	p.	Rs.	a.	p.
General working of the shops (Establishment, &c., charges)	97,830	12	3			
Amount of supervision, &c., charges by charging fixed percentage of 25 per cent. on stores and labour up to 30th September 1928 and on the cost of labour 50 per cent. from 1st October 1928 for works executed at the shops..	....			74,859	3	11
Profit on account of hire of Pumping plant to private parties	....			343	13	0
Profit on account of sale of coal ashes, waste paper, unserviceable stores, &c.	....			1,299	15	0
Net deficit in the working of the shops	....			21,327	12	4
	97,830	12	3	97,830	12	3

50. The Mechanical Department continued keeping in repair all the Municipal Mechanical and Electrical plants, also various Municipal Electrical Installations.

51. A report called for by the Standing Committee from Mr. A. E. Williams, Acting Chief Mechanical Engineer, G. I. P. Railway, Parel, regarding the possibility of reducing the Supervisory Staff of the Workshops has been received and is being placed before the Committee for consideration.

52. The following comparative statement shows the turnover and profit or loss during the last three years :—

Year.	Turnover.	Profit.	Loss.
1926-27 ..	Rs. 4,67,793	Rs. 3,343	.....
1927-28 ..	,, 3,81,215	....	Rs. 27,686
1928-29 ..	,, 3,78,943	....	,, 21,327

53. The reduced turnover is due to the stoppage of Capital Works and decreased departmental grants.

54. The New System of Accounting has been worked during the year with satisfactory results and the new system of charging 50 per cent. on labour only was introduced on 1st October 1928. This method of charging will now have to be revised to meet the cost of the Mechanical Engineer's part salary now charged to the Workshops.

55. No further progress has been made with the proposed scheme for housing the Municipal lorries under the New Mahaluxmi Overbridge.

Love Grove Pumping and Compressor Stations. Love Grove Pumping Station.

56. The whole of the sewage is ordinarily dealt with by the two electrically driven pumps but during peak-loads it is necessary also to bring into operation the steam driven plant. This is due to the heavy peak-loads experienced during the morning and evening times. During the monsoon period it is necessary to keep both the steam and electric plant running practically constantly to deal with the great quantity of storm-water which finds access into the sewers. A point has now been reached where the question of an additional pumping plant should be considered. This should be of sufficient capacity to deal with the maximum flow of sewage, and maintain a free outlet during the peak-load periods without having to resort to the use of steam pumps.

57. The New Tansa water supply continues to increase and it will probably in the near future be bringing into the City its full supply of 90 million gallons per day.

58. The coal consumed during the year was 3,211 tons 10 cwts.

59. Bengal coal was used throughout the year, the cost per ton being Rs. 17-4-0. The coal was purchased on a guaranteed calorific basis of 7,000 calories for 1 lb. of coal.

60. The screening plant and dredgers have been maintained in a good condition. The detritus chamber has, however, proved to be thoroughly inadequate for its present duty. If efficient results are to be obtained, this detritus chamber will have to be enlarged very considerably as it is estimated that one-half of the silt is now permitted to pass through the pumps. This causes excessive abrasion and wear on the chains, screen and other moving parts.

61. Extra labour has been employed to remove the silt which is increasing in quantity and has now to be conveyed to a considerable distance in order to find a suitable dumping place on the storm-water reservoir.

62. The average height of the sewage in the detritus chamber was 5'-11" and the amount of detritus removed was 7,662 tons 16 cwts.

63. The amount of sewage to be pumped is rapidly increasing year by year. On one occasion the water supply reached 85 million gallons per day and through the monsoon period it was estimated that 140 million gallons of sewage were on occasions pumped in 24 hours.

64. As in previous monsoons the practice was continued of allowing storm-water from the channel to be pumped when conditions were favourable. This resulted in a diminished amount of flooding in the low-lying areas of the City during the monsoon period.

Electric Pumping Station.

65. The Electric Pumping Station installed in July 1924 has continued to run with its usual reliability. The number of units consumed during the year amounted to 3,128,300, the total cost being Rs. 1,41,751-1-6 against 3,365,900 units consumed at a total cost of Rs. 1,52,517-5-6 in the previous year.

66. As the contract period expires in July 1929, negotiations have been carried on with the Tata Hydro-Electric Power Supply Co. which have resulted in the rate of current being reduced from 0·725 anna to 0·65 anna per unit for the new contract. It is also anticipated that the Tata Co. will agree to our proposal to reduce the maintenance charges to an appreciable extent.

67. The additional sewage brought into the City has resulted in further surcharging of various sewers. Although temporary expedients have been adopted, no great improvement can be expected until the General Drainage Scheme is put in hand.

Love Grove Compressor Station.

68. The steam driven air compressors situated at Love Grove have now been running continuously for over 30 years. Consideration of replacing these plants has been held in abeyance as it is anticipated that any drainage scheme which may be adopted will result in the abolition of several of our ejector stations.

69. The coal consumed in the Compressor Station amounted to a total of 7,065 tons 6 cwts.

70. The whole of our compressor capacity has been in use owing to the increased quantity of sewage being dealt with, which is especially noticeable in the areas served by the ejectors.

71. The new quarters for the Engineers and the chawls for the menial staff at Love Grove have been maintained in good condition. It is interesting to note that a splendid garden in front of the quarters is being attended to by several of the Engineers whilst the appointment of Mr. Karnik as Welfare Superintendent has resulted in a great improvement in the general condition of the buildings and the compound. These can now be considered as being the best of their type in Bombay.

Storm-water Sluices.

72. The maintenance of these sluices continues to be an expensive item which will have to be faced until such time as the Scheme for the disposal of storm-water is adopted.

73. The old gates at Dharavi are still in daily operation.

74. The storm-water reservoir is being greatly reduced in area by the silt which is being deposited there, but with the automatic sluice gates and spill weir and the system of pumping storm-water from the channel when practicable has proved to be efficient and equal to the demand.

Ejector Stations.

75. As many of our ejector stations were installed 31 years ago it has been found necessary to have them thoroughly repaired. All the valve boxes have been overhauled, whilst necessary arrangements have been made for replacing those boxes which have become worn out through corrosion and abrasion.

76. It has been found necessary to maintain a high air pressure in order to convey the necessary amount of air through mains which are now too small to meet the demand made on them.

77. A further portion of the sealed sewage main at Tulsi Pipe has been renewed during the year.

Colaba Air Compressor Station.

78. The electrical plant at Colaba has worked uninterruptedly during the course of the year. Owing to the reliability of this plant the boilers have been dismantled and sold.

79. A notable increase in the water consumption has taken place at Colaba owing probably to the large number of new buildings being erected both by private enterprise and the Military Authorities. To relieve the already surcharged state of the sewers a provision has been made for laying a sealed sewage main from No. 3 ejector, Kittridge Road to Wellington Fountain and also an additional air main to give the necessary pressure required for the ejectors in the southern part of the Island.

80. The new air compressor installed in Colaba Station has worked effectively and few complaints are now received.

81. The auxiliary air compressor at Roberts Road is run daily.

82. During the year 455,248 units were consumed at a total cost of Rs. 26,623-2-1.

83. The total quantity of sewage pumped in the Colaba District during the year is as follows :—

Ejector No. 1 Colaba	.. ..	226,355,500	gallons.
,, ,, 2 ,,	.. ..	212,129,000	,,
,, ,, 3 ,,	.. ..	225,760,000	,,
,, ,, 4 ,,	.. ..	97,117,500	,,
,, ,, 5 ,,	.. ..	45,053,750	,,
Total gallons	.. ..	806,415,750	

84. The rising main from Colaba, which has burst very frequently in the vicinity of Majestic Hotel, will be considerably relieved by the new proposed sealed sewage main and it is anticipated that there will be no further trouble from this cause in the future.

Bhandarwada and Arthur Road Air Compressor Stations.

85. At Bhandarwada a new air compressor has been erected in place of the smaller one which has been removed to Carroll Road. Since the new compressor was put into operation there has been no surcharging of any kind in the Railway area or other districts served by the Reay Road ejector.

Auxiliary Air Compressor Station at Mahaluxmi.

86. The auxiliary air compressor station at Mahaluxmi has continued in operation during the year.

87. The capacity of the ejectors at Warden Road, however, is far too low for the duty now being demanded from them. Various proposals for alleviating the surcharging of this district are now being considered.

88. The pumps at Elphinstone Road installed during the year have proved very satisfactory as no complaints of surcharging have been received since they are put into operation.

Inspection Motor Cars.

89. The old Wolseley cars were disposed of to the Wolseley Co. during the year in part exchange for two new Wolseley Saloon Cars required for the use of the Municipal Commissioner and the Health Officer.

90. The old Berliet car was used by the S. E. D. W. during the year.

Inspection of Factories Workshops and Work-places.

Ward.	New proposals for Permits and Licenses.		Recommended Permits and Licenses.		Factories working without Permits.	Nuisance cases.	Notices issued under Section 392.
	Permits.	Licenses.	Permits.	Licenses.			
A	32	4	32	4	1	3	*Nil.*
B	23	20	23	20	*Nil.*	4	*Nil.*
C	72	85	72	83	*Nil.*	9	1
D	56	50	56	50	3	4	1
E	75	75	75	75	2	7	1
F	36	13	36	13	*Nil.*	2	*Nil.*
G	28	7	28	7	*Nil.*	*Nil.*	*Nil.*
Total ..	322	254	322	252	6	29	3

92. The total number of Permit and License cases inspected and disposed of during the year 1928-29 was 576.

93. Nuisance cases were attended to. Factories reported working without permits. Actions under Section 392 of the Municipal Act were taken against the proprietors of the factories in cases wherever the requirements were infringed.

94. The total number of cases inspected during the year 1928-29 was 614.

95. Each factory, workshop and work-place was inspected more than three times.

Road Department.

96. The Stone Crushers installed at Nowroji Hill and Sewri continued to work satisfactorily throughout the year. Rubble stone required for the Nowroji Hill Crusher was purchased from the Bombay Improvement Trust at the same rate as last year, *viz.*, Rs. 8 per brass delivered close to our Crusher. The rubble for Sewri Crusher was purchased under a contract from Messrs. Raoji Sojpal & Co. at the rate of Rs. 7-15-0 per brass.

97. The Tar Macadam Mixer at Nowroji Hill had to be put under repairs during the whole of November and December 1928, as a result of the breakdown of its mixing box. The Tar Mixer at Love Grove also broke down during the early part of the year and had to be kept closed for the rest of the year, as it is found that any further expenditure on its repairs is not desirable. The plant has become too old and past repairs and the question of scrapping it is being considered.

98. The following is the statement of accounts of the working of these plants :—

Particulars.	Income.	Expenditure.	Difference.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. Sewri Crushers	87,689 13 0	80,202 12 3	*Cr.* 7,487 0 9
2. Nowroji Hill Crusher			
3. Tar Macadam Plant, at Nowroji Hill.	19,035 4 8	28,589 9 10	*Dr.* 9,554 5 2
4. Do. Love Grove ..			

Asphalt Plant.

99. During the year 1928-29 a length of 3·608 miles of roads covering an area of 93,592·42 square yards was asphalted. This together with the roads laid in previous years gives a total length of 22·415 miles covering an area of 480,022·28 square yards of asphalt pavement laid by the Municipal Plant up to 28th February 1929.

100. A length of 1·284 miles covering an area of 52,444 square yards (excluding Mexphalted roads) was taken over from the Improvement Trust in this year. This together with the roads taken over from that body in previous years gives a total length of 8·136 miles covering an area of 281,602·15 square yards of Improvement Trust roads. The total mileage and area of asphalt roads in Bombay on the 28th February 1929 is thus 30·551 miles and 761,624·43 square yards respectively, the details of the different methods being as follows :—

Agency.	3″ sheet asphalt.		2″ Asphalte concrete.		2½″ Mixed Macadam.		Total.	
	Miles.	Sq. Yds.	Miles.	Sq. Yds.	Miles.	Sq. Yds.	Miles.	Sq. Yds.
Municipality ..	16·787	358,627·99	1·750	52,000·792	2·878	69,393·50	22·415	480,022·28
Improvement Trust ...	7·746	273,252·15	0·390	8,350·00	...	.....	8·136	281,602·15
Total ...	24·423	631,880·14	2·140	60,350·79	2·878	.....	30·551	761,624·43

101. In addition to the area of 93,592·42 square yards of asphalt pavement, an area of 855 square yards was laid in the year for minor works and an area of 1,760·67 square yards for reinstatement of trenches taken by the various Utility Companies.

102. The total expenditure incurred during the year amounted to Rs. 5,96,102-5-1 and the value of materials on hand was Rs. 1,21,580-9-3. The actual expenditure was thus Rs. 4,74,521-11-10. The rates per square yard fixed and charged for different methods were as follows :—

Method.	Actual cost per square yard.	The rate charged per square yard.
	Rs.	Rs. a. p.
3″ sheet asphalt	5·19	5 8 0
2½″ mixed macadam	4·215	4 0 0
1½″ asphaltic mixture	2·43	3 0 0
Patching with sheet asphalt	6·72	10 8 0

103. These rates indicate the necessity of a drop in our rates which will be given effect to next year.

104. The plant was closed during the monsoon for 118 days from 28th June 1928 to 23rd October 1928; of the remaining days 34 were Sundays, 20 holidays and 193 working days, out of which the plant had to shut down for 7 days on account of riots in the month of February 1929. The average area laid per day by the different methods was as follows :—

Method.	Length in miles.	Area in square yards.	No. of days.	Average per day.
3″ sheet asphalt	2·805	67,780·27	122¾	552·18
2½″ mixed macadam ...	0·803	25,812·15	46½	555·08
1½″ asphaltic mixture ...	.....	855·00	1¼	792·84
Patching	.....	1,760·67	15½	113·59
Total ...	.....	96,208·09	186	.....

105. During the year a section of Mazgaon Road covering an area of 105·75 square yards was laid with a natural bitumen supplied by Messrs. Mawson-Vernon Company free of cost for experiment which has been kept under observation.

106. The following tests were taken during the year :—

	No. of tests
(1) Extractions	322
(2) Platform sand tests	2,680
(3) Tests of sand for depots	1,615
(4) Platform metal test	767
(5) Tests of metal for depots	295
(6) Penetration and other tests	873
(7) Void tests	52
(8) Specific gravity test	169

Improvement of Private Streets.

107. Action under Section 305 of the Municipal Act was taken in respect of 43 private streets and the following streets were declared public under Section 306 of the Municipal Act during the year 1928-29.

	Name of the street.	Area.
1.	Private street off Sankli Street	886 sq. ft.
2.	Do. known as Umerkhadi Cross Lane	261 ,,
3.	Do. known as Hathibag Lane	220 ,,
4.	Do. off Girgaum Back Road	165 ,,
5.	Do. between Warden and Pedder Roads	4,222 ,,
6.	Do. between Proctor Road and Kiln Lane	767 ,,
	Total ..	6,521 sq. ft.

This represents a length of 1,993 ft. or over $\frac{1}{3}$ of a mile.

108. Recoveries of expenditure from the house-owners were in progress. In 8 cases claims amounting to Rs. 10,794 were declared "improvement expenses" with the sanction of the Corporation under Section 494 of the Municipal Act and steps are being taken to effect recoveries from tenants of properties concerned under the provisions of Section 495.

109. In eight cases references under Section 503 of the Municipal Act were filed in the Small Causes Court, and were pending in the Court at the close of the year.

110. The expenditure incurred on the improvement of private streets during the year under report amounted to Rs. 28,244, and the total recoveries made from house-owners during the year under review for improvements carried out during previous years amounted to Rs. 81,535.

111. The following roads and footpaths were taken over from the Bombay Improvement Trust.

FOOTPATHS TAKEN OVER DURING 1928-29.

No.	Name of Road.	Length in ft.	Area in sq. ft.
1	Footpaths along—(1) Tejpal Road ; (2) Chaupaty West plot No. 36 ; (3) Hughes Road junction ..	693	5,910
2	Footpaths along—Hathibag Lane (B) portion ..	120	600
3	Footpaths (in Scheme No. 60) along—(1) Road No. 15 (including curve) ; (2) Road No. 5 (including curve) ; (3) Road No. 14 and (4) Road No. 13 ..	2,007	20,076
4	Footpaths along—Bhendy Bazar Road in Scheme No. 43	410	8,200
5	Footpaths along —Sandhurst Road in Scheme No. 43.	1,175	15,275
6	Footpaths along Bomanji Master Road	597	4,776
7	Do. Babulnath Road, west of Chaupatty, Plots Nos. 39 & 40	105	1,050
8	Do. (1) Tulsirampada Road (including curves) ; (2) Between Kalachowki Road and Tulsirampada Road (including curves) ...	537	5,504
	Total ..	5,644	61,391

The total length of footpaths taken over is 1·07 miles.

Roads taken over from the City Improvement Trust and Special Engineer, Development Works, during the year 1928-29.

No.	Name of Road.	Length in ft.	Area in sq. ft..
1.	Tejpal Road (Gamdevi Section No. 4) ..	250	9,125
2.	A 40 feet tarred road (between Arthur Road and Parel Chawl Road)	441	12,843
3.	Road No. 26-A (including straight and triangular portions, Scheme No. 6, Sion-Matunga Estate)	3,398	1,22,862
4.	Road No. 26-B (in Scheme No. 6, Sion-Matunga Estate)	745	26,879
5.	Road No. 26-D (including curves, Scheme No. 6, Sion-Matunga Estate)	585	25,639
6.	Road No. 3 (including curves, Scheme No. 6, Sion-Matunga Estate)	982	59,538
7.	A passage (between Homji Street and Bazargate Street)	182	3,625
8.	Sir Phirozshaw Mehta Road	1,476	71,361
9.	Sydenham Road (Scheme No. 37)	2,006	1,06,318
10.	Roads Nos. 2 and 3 (remaining lengths, Scheme No. 5, Dadar-Matunga Estate) ..	913	34,294
11.	King Edward Road (A portion north of 40' Road, Scheme No. 31)	75	3,750
	Total	11,654	4,94,264

Total length of roads taken over is 2·20 miles.

Street widening consequent upon the adding of set-backs.

112. About 4,358·68 sq. yards of land were added to the roads as set-backs in different wards of the City and expenditure incurred on this work amounted to Rs. 38,211. This includes the cost of such incidental works as shifting of tram-poles, electric cables, etc., which came in the middle of set-backs.

Road Repairs and Maintenance.

113. The area of water bound macadam roads repaired and maintained during the year and the expenditure incurred thereon is given below :—

Kind of work.	Area in sq. ft.	Cost.
		Rs.
Resurfacing with 3" consolidated metal	10,63,142	1,13,107
Patch repairs	35,72,846	1,77,401
Maintenance of kutcha footpaths	....	4,750
Maintenance of roadside trees	....	18,108

114. The average rate of repairing water-bound roads worked out to Rs. 10-10-1 per 100 square feet as against Rs. 10-10-5 of the last year.

Motor Traction.

115. During the year 1928-29 the twenty motor lorries of the Transport Department allotted to the Road Department travelled 1,38,006 miles.

116. All these lorries are charged to the various Departments at the rate of annas twelve per lorry per mile or Rs. 3-8-0 per load from any quarry to any part of the City.

117. Several of the lorries although they have passed their estimated life and have been paid for by depreciation ran satisfactorily.

118. Three new lorries have been purchased during the year.

119. During the riots the lorries were supplied to the Police, Military and Peace Committee and for evacuating people from dangerous places.

120. The above figures do not include the Ambulances, Health and Water Department lorries and Meat Vans which are run departmentally.

Steam Rollers.

121. All the 37 steam rollers in the possession of this Department excluding the four transferred to the Special Engineer, Development Works, continued to work satisfactorily.

122. The work of providing new side wheels and retreading of front wheels of steam roller No. 9 and supply of new rims to steam roller No. 40 was carried out at a total cost of Rs. 3,220.

CAPITAL ROADS AND FOOTPATHS.

123. In accordance with the programme sanctioned under Corporation Resolution No. 12793 of 25th January 1926 and No. 633 of 25th April 1927, and No. 7300 of 17th October 1927, the following roads were laid with permanent construction :—

Name of Road.	Name of contractor for laying concrete foundation.	Area in square yards.	Total expenditure incurred up to 28th February 1929.	Rate per square yard.	Remarks.
3" sheet asphalt on 6" cement concrete foundation.			Rs.	Rs.	
(1) Carnac Road (toe of the Bridge to the Police Commissioner's Office.)	Messrs. Tejoo Kaya & Co.	10,309	106,050	10·28	Completed in 1928-29.
(2) Mazagaon Road (Wari Bunder to Nesbit Road).	Do.	4,740	*54,768	11·6	Do. *Includes cost of setback.
3) Arthur Road (Lamington Road to Dhobighat).	Do.	3,184	28,115	8·83	Completed in 1928-29.
(4) Babula Tank Road	Messrs. Rasulji Rajbhoy & Co.	8,059	65,736	8·16	Do.
(5) Haines Road (from Delisle Road to Jacob Circle and Jacob Circle to Railway crossing).	Messrs. Raoji Sojpal & Co.	4,066	53 239	.. .	Concrete foundation work only completed. Accounts to be adjusted.
3" asphaltic concrete on concrete road.					
(6) Wadi Bunder Road	.....	7,680	3?,978	4·3	Completed in 1928-29.
Partly sett pavement and partly sheet asphalt.					
(7) Dockyard Road...	Mr. Enus Kondaji.	5,552	35,934	.....	Adding setback work only remaining. Accounts are being adjusted.
(8) Kazi Syed Street	Messrs. Tejoo Kaya & Co.	4,802	47,330	9·86	Completed.

In addition to the above roads, works on the following roads were in progress at the close of the year.

Name of the Road	Estimated cost.	Name of the contractor for cement concrete foundation.
	Rs.	
Clare Road junction Haines Road	30,108	Messrs. Ramchandra, Hormusji & Co.
Sandhurst Road	95,781	Mr. K. G. Kermani.
Charni Road	61,680	The Bombay Engineering Co.
Balaram Street	23,119	Messrs. Rasulji Rajbhoy & Co.
Morland Road	1,23,731	Do.
DeLisle Road	1,70,623	The Bombay Engineering Co.
Lamington Road	1,88,253	Messrs. A. E. Cooper & Co.
Musjid Bunder Road	45,678	Departmentally.

124. Out of the provision made in the Revenue budget, the following roads were laid with 3″ asphalt macadam on the existing surface.

Name of the road.	Estimated area.	Estimated cost.	Remarks.
		Rs.	
Haines Road (from Delisle Road to Sankli Street).	51,975	22,760	The work was incomplete at the close of the year.

FOOTPATHS.

125. The following footpaths were taken up for pavement with Shahabad stone slabs on 4″ lime concrete :—

(Name of the footpath and the area of the footpath paved.)

Name of the Road.	Estimated area in Sq. ft.	Amount of contract.
		Rs.
1. Home Street; Bastion Road; Kittridge Road; Frere and Hornby Roads, etc.	1,20,906·35	80,713
2. Kazi Syed Street		
3. Baboola Tank Road		
4. Queen's Road		
5. Bhuleshwar and Girgaum Back Road.		
6. Lohar Street		
7. Shamset Street		
8. Sutar Chawl		
9. Kumbarwada junction Sandhurst Road.		
10. Girgaum Road		
11. Cavel Street		
12. Bapu Khote Street		
13. Thakurdwar Road		
14. Grant Road Cross Lane		
15. Dr. Wilson Street		
16. Arthur Road		
17. Victoria Road		
18. Mazgaon Road		
19. Dockyard Road		
20. Kalachowki junction Parel Road ..		
21. Duncan Road		
22. Parel Road junction New Nagpada.		
23. Portion of Arthur Road Overbridge.		
24. Portion of Arthur Road		

Road Excavation

126. The following lengths of roads were opened by various Departments and Utility Companies :—

		R. ft.
1.	Water Department	45,732
2.	Drainage Department	27,530
3.	Bombay Gas Company	34,650
4.	Bombay Telephone Co.	8,363
5.	B. E. S. & Tramways Co.	49,030
6.	Government Telegraph Dept.	594
7.	Miscellaneous agencies	9,333
	Total ..	1,75,232 r. ft.

This is equivalent to 33·18 miles out of the total of 215 miles of roads in the City.

127. These excavations were repaired by this Department at the cost of the Department or parties concerned. The total cost of the works including that of other Departmental and Private Works carried out by this Department amounted to Rs. 7,22,910.

128. Action under Section 322 (*c*) of the Municipal Act was taken by this Department to prevent unauthorized occupation of roads with building materials. About 320 notices were served for contravening the provisions of this Section.

129. About 900 bills were prepared for recovery of fees for occupation of roads with building materials or scaffolding and the fees recovered amounted to Rs. 26,900.

130. In addition to the above bills about 1,250 monthly bills and 108 yearly bills were prepared for recovery of ground rent in respect of temporary letting of roadside lands or parts of footpaths for erection of petrol tanks, pumps and other miscellaneous occupations and the rents recovered in this respect amounted to Rs. 30,890. This is exclusive of the rent for tramway tracks and the way leave in respect of telephone wires.

Road Watering.

131. All water bound macadam roads were watered twice a day, and the expenditure incurred thereon amounted to Rs. 80,888.

Dust Preventive Measures.

132. Road surfaces comprising an area of 2,250 s. ft. were treated with asphalt macadam and roads comprising an area of 67,58,080 s. ft. were surface dressed with "Spramex" and "Asphaltum."

133. The average rate for asphalt macadam and surface dressing with asphalt worked out to Rs. 17-7-8 and Rs. 7-2-6 per 100 s. ft. respectively.

134. The total expenditure incurred in carrying out these operations amounted to Rs. 4,74,676.

135. The following quantities of materials were purchased for the above works during the year:—

Asphalt for Surface Dressing of Roads.

696 tons of Spramex from the Burmah-Shell Oil Storage and Distributing Co. of India, Ltd.	@	Rs.	114-0-0 per ton.
313 tons of Asphaltum from the Standard Oil Co. of New York	@	,,	107-6-0 ,,

Cold Asphalt Emulsion.

		Rs.	a. p.
301 tons "Colfix" from the Asbestos & Belting Co., Ltd.	@	Rs.	137-8-0 per ton.
67 tons "T. P. C." from Messrs. McKenzies, Ltd. ...	@	,,	148-0-0 ,,
100 tons "Colas" from Asphalt Cold Mix, Ltd. ...	@	,,	150-0-0 ,,
100 tons "Socony" from the Standard Oil Co. of New York...	@	,,	165-0-0 ,,
In addition to this 130 tons of Dehydrated Coal Tar were purchased from the Bombay Gas Co., Ltd., delivered at Gas Works, Parel	@	,,	90-0-0 ,,

Special Purchases.

136. From the City Improvement Trust:—

351 tons of Asphalt ... ... @ Rs. 147-10-0 per ton.
107 „ „ Flux ... ... @ „ 118-8-0 „

Value Rs. 57,417-13-2. Authority Standing Committee's Resolution No. 5920 of 3rd October 1928.

From the Burmah-Shell Oil Storage and Distributing Co. of India, Ltd.

100 tons of "Mexphalte" at Rs. 110 per ton.

680 „ „ T. R. A..... } Total value Rs. 99,395-13-11.
87 „ „ Flux ..... }

Authority Standing Committee Resolution No. 9273 of 9th January 1929.

These materials were received in 1929-30 though the purchase was sanctioned in 1928-29.

137. One Barford and Perkins 2½ ton small Tandem petrol roller has been purchased from Messrs. Jessop & Co. at a total cost of Rs. 4,247 *plus* Rs. 182 (for awning) for use in narrow lanes in congested localities, as per Standing Committee resolution No. 6665 of 24th October 1928.

ROAD MATERIALS PURCHASED DURING THE YEAR 1928-29.

Name of material.	Quantity.	Rate.	Per	Amount.	Name of Supplier.
1	2	3	4	5	6
		Rs. a. p.		Rs. a. p.	
Metal	7,44,511 c. ft.	12 0 0	100 c. ft.	89,341 5 1	Mr. Enus Kondaji.
Sand (black)	8,309 „	13 6 0	100 „	1,111 5 3	Messrs. Sunderji & Co.
„ „	3,46,044 „	13 7 3	100 „	46,553 11 8	The Hindustan Construction Co., Ltd.
„ „	9,522 „	18 0 0	100 „	1,713 15 4	Do.
„ „	2,302 „	18 0 0	100 „	3,654 5 7	Mr. Usman Haji Mahomed.
Rubble for Nowroji Hill ..	1,17,113 „	8 0 0	100 „	9,369 0 8	City Improvement Trust.
Rubble for Sewri	2,42,143 „	7 15 0	100 „	19,220 1 7	Messrs. Raoji Sojpal & Co
„ for A to G Wards ..	11,036 „	16 0 0	100 „	1,728 3 9	
Lime, fresh, Andheri	29,348 „	38 0 0	100 „	10,914 4 5	
Red Hill earth	7,022 „	20 0 0	100 „	1,374 8 11	
Sett-stones 6″ to 9″×4″×6″ ..	44,448 Nos.	10 8 0	100 Nos.	4,375 1 6	
Do. 12″ × 4″ ×9″ ...	2,398 „	18 0 0	„	440 1 5	*
Lime mortar	1,435 c. ft.	42 0 0	100 c. ft.	589 14 4	Messrs Kashinath Bros.
Table-stones, (medium dressed, 18″×12″×4″	4,498 Nos.	75 0 0	100 Nos.	3,279 1 0	
Kerbstones	4,479 r. ft.	100 0 0	100 r. ft.	4,483 13 2	
Shahabad stone 3″ ..	44,245 s. ft.	28 0 0	100 s. ft.	12,125 5 5	
Stones for paving	1,250 r. ft.	45 0 0	100 r. ft.	550 8 9	
Bricks, mats, Bamboos, rafters, &c.	....	..	..	5,027 5 5	
Coke	ton. cwt qr. 1,900 – 16 – 2	28 0 0	Ton.	53,222 6 5	The Bombay Gas Co.
			Total ...	2,69,974 7 8	

* The actual rates for materials bracketted in the foregoing statement are 2½ per cent. below the rates quoted in column 3.

Roadside Trees.

138. About 614 trees of different species were planted on different roads in the City. Of this number about 130 were planted on freshly prepared pits on several newly widened roads and the remaining were planted in the existing avenues in place of casualties due to various causes. The young trees were obtained from the Road Department Nursery at Siri Road where there are nearly 1000 seedlings of different species in stock.

34 benches were purchased at a total cost of Rs. 799.

139. The work of extending the Babula Tank Playground was completed during the year and the extended area was turfed with Hariali grass and trees and ornamental shrubs were planted along the borders.

Tramways.

140. During the year under report, no additional tramway tracks were laid by the Bombay Electric Supply and Tramways Company, except one siding at Connaught Road having a length of 130 feet.

141. In accordance with Corporation Resolution No. 4313 of 7th October 1915, the following information regarding the rolling stock has been obtained from the Bombay Electric Supply and Tramways Company for the year under report :—

Q.—The number of cars running in the City, classified according to the different types with the total carrying capacity of each.	*A.*—293 units consisting of :—
	58 double-deck bogies, each seating 104 passengers.
	1 double-deck bogie, each seating 100 passengers.
	9 bogie trains, each seating 98 passengers.
	39 bogie trains, each seating 94 passengers.
	7 single trucks, each seating 32 passengers.
	15 single double deck, each seating 64 passengers.
	98 single trains each seating 78 passengers.
	66 Single trains, each seating 70 passengers.
	Total .. 293

142. During the year one tramway shelter was erected by the Bombay Electric Supply and Tramways Company.

Street Lighting.

143. During the year under report the street lighting of the City was done by 6,853 gas lamps, 1,241 electric lamps, 243 (Bannister) Incandescent kerosene oil lamps and 20 kerosene oil lamps.

The amount spent on each for the year is given as under :—

	Rs.
Gas lamps	6,19,846
Electric lamps	2,55,916
" Bannister " (Incandescent kerosene oil lamps)	85,417
Kerosene oil lamps	1,275
Total Rs. ..	9,62,454

144. A sum of Rs. 32,639 was spent on erecting new lamps to improve the lighting arrangement and to increase the candle power of the existing gas lamps by means of " Conversion Sets." The total expenditure of lighting amounts to Rs. 10,67,716.

145. New electric and gas lamps as shown below were provided on the following roads:—

Electric Lamps.

Erskine Road	5—200 watt.
Reay Road	24—200 ,,
Do.	1—300 ,,
Junction of Ballard Road and Mint Road	1—500 ,,
Total ..	31

Gas Lamps.

160	C. P.	Maratha Hospital Lane ..	4—2-lt. Con. Set.
160	,,	Arsi Mahal Lane	4—2-lt. ,,
160	,,	Bhoiwada Road	10—2-lt. ,,
160	,,	Elphinstone Low Level Road ...	9—2-lt. ,,
160	,,	Lohar Chawl (Mahim) ...	7—2.lt. ,,
160	,,	Nicol Road	1—2-lt. Littleton.
160	,,	Tulsi Pipe Road	32—2-lt. Con. Set.
160	,,	Private Street off Cadell Road ...	3—2-lt. ,,
160	,,	Kolbhat Cross Lane	3—2-lt. ,,
160	,,	Parel Bridge	2—2-lt. ,,
160	,,	Pipe Road, Malabar Hill ...	4—2-lt. Littleton.
160	,,	Sankli Street	4—2-lt. ,,
320	,,	Haines Road	30—4-lt. ,,
480	,,	Jackeria Bunder Road... ...	6—6-lt. Rochester.

146. The total candle power on roads as compared with that of the previous year is as given below:—

	1928-29.	1927-28.
Gas	15,24,640	13,20,810
Electric	5,08,500	4,48,361
Bannister	97,500	93,900

147. On the following roads 1-lt. Bombay lamps were replaced by Conversion Sets and Littleton lamps.

160	C. P.	Darabsha Road	5—2-lt. Con. Set.
160	,,	Setalwad Road	4—2-lt. ,,
160	,,	Lansdowne Road	7—2-lt. Littleton.
160	,,	Merewether Road	10—2-lt. ,,
160	,,	Ravelin Street	5—2-lt. ,,
160	,,	Waudby Road	12—2-lt. ,,
160	,,	Garden Bridge	22—2-lt. ,,
320	,,	Ravelin Street	1—4-lt. ,,
320	,,	Waudby Road	3—4-lt. ,,

229 Conversion Sets were provided during the year.

148. The number of gas and electric lamps are given below:—

Low Pressure.

"C" Burner	Hexagonal.				Total.	Bombay Lamps.			No. 2.		Total.
	2-lt.	3-lt.	4-lt.	24-lt.		1-lt.	2-lt.	Total.	2-lt.	4-lt.	
35	3,314	478	394	1	4,222	945	264	1,209	96	73	169

Low Pressure High Power.

Littleton.						Rochester.				
1-lt.	2-lt.	3-lt.	4-lt.	5-lt.	Total.	6-lt.	10-lt.	12-lt.	18-lt.	Total.
2	131	102	115	260	610	398	47	55	32	532

High Pressure.

300 c. p.	500 c. p.	1,000 c. p.	1,500 c.p.	3,000 c.p.	Total
10	17	27	54	2	110

Electric Lamps.

Junction Lamps.				Street Lamps.					
250 c.-p.	500 c.-p.	1,000 c.-p.	Total.	100-watt.	150-watt.	200-watt.	300-watt.	500-watt.	Total.
42	113	22	177	49	1	289	710	15	1,064

149. The above statement of lamps includes lamps taken over from private streets when they were declared public, the City Improvement Trust, and the Special Engineer's Department.

Details of these lamps are as under:—

Private Streets.

160 C. P. Private Street off Girgaum Road ... ... 1-2-lt. Littleton.
" " " Umerkhadi Lane ... ... 2-2-lt. "
" " " Hathibag Lane ... ... 1-2-lt. "
" " " Cavel Street ... ... 2-2-lt. Con. Set.
" " " Sankli Street ... ... 4-2-lt. " "
" " between
Warden Road and Pedder Road ... ... 10-2-lt. " "
" Private Street between
Proctor Road and Kiln Lane ... ... 2-2-lt. " "

City Improvement Trust.

(*a*) **Gas.**

2-lt. Con. Set.	1-lt. Bombay.	5-lt. Littleton.	6-lt. Rochester.
10	2	1	21

(*b*) **Electric.**

200 Watt.	300 Watt.	Total.
3	55	58

Special Engineer's Department.

(*a*) **Gas.**

1-lt. Bombay.	Littleton.		6-lt. Rochester.	10-lt. Rochester.
	1-lt.	5-lt.		
5	2	41	27	1

(*b*) **Electric.**

3-200 Watt.

Bombay Port Trust.

Littleton.		Total.
2-lt.	3-lt.	
9	17	26

PRIVATE BUILDING CONSTRUCTION.

(Including Set-backs.)

150. The number of applications received under Section 337 for the erection of new buildings and under Section 342 for additions and alterations to existing buildings, during the year under report, as compared with those received during the preceding four years is as follows :—

Year.	Under Section 337.	Under Section 342.	Total number of buildings dealt with.	Total number of applications.
1924–25	723	701	1,424	3,277
1925–26	717	762	1,479	2,938
1926–27	674	762	1,436	2,758
1927–28	542	605	1,147	2,754
1928–29	765	1,051	1,816	2,744

151. Two or more modified proposals are generally received in connection with one and the same building, hence the difference between the figures in the last two columns in the above table.

152. The majority of the plans were conditionally approved.

Set-backs.

153. The following is a comparative statement of the amounts expended on set-backs from 1909-10 to 1928-29.

Year.	Paid from capital.	Paid from revenue.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
1909–10	2,92,501 2 2	1,10,000 0 0	3,92,501 2 2
1910–11	1,54,672 1 10	1,00,000 0 0	2,54,672 1 10
1911–12	2,41,054 1 2	1,11,313 0 0	3,52,367 1 2
1912–13	2,10,729 9 1	1,14,894 0 0	3,25,623 9 1
1913–14	2,21,745 13 7	1,01,663 1 9	3,23,408 15 4
1914–15	4,34,918 10 5	1,09,149 10 1	5,44,118 4 6
1915–16	*6,03,819 0 4	1,05,684 8 1	7,09,503 8 5
1916–17	96,173 3 11	1,22,699 8 2	2,18,872 12 1
1917–18	19,277 8 8	1,59,595 15 3	1,78,873 7 11
1918–19	2,05,566 2 1	1,46,561 3 5	3,52,127 5 6
1919–20	2,90,531 5 11	1,28,517 15 6	4,19,049 5 5
1920–21	1,51,295 12 9	1,04,158 0 9	2,55,453 13 6
1921–22	3,17,488 10 10	1,93,059 0 1	5,10,547 10 11
1922–23	3,99,887 12 4	1,00,083 11 11	4,99,971 8 3
1923–24	5,99,056 0 3	.....	5,99,056 0 3
	Paid from Loan Funds.	Paid up from Land and Building Fund.	
1924–25	5,50,150 0 0	2,71,376 3 3	8,21,526 3 3
1925–26	.....	4,09,538 2 9	4,09,538 2 9
1926–27	4,74,152 11 1	64,976 13 4	5,39,129 8 5
1927–28	5,64,794 0 5	.....	5,64,794 0 5
1928–29	4,72,161 10 9	.....	4,72,161 10 9

* Inclusive of Rs. 3,57,682-2-3 on account of the unadjusted charges for 1915-16 and previous years.

154. The liabilities outstanding for land sanctioned to be acquired for set-backs amounted to Rs. 14,10,785-13-6.

155. Proposals were submitted for changing the regular lines of the following streets.

(1) Changing the regular lines at Foras Road between Bellasis Road and Kamathipura 13th Lane (opposite Alexandra Cinema).

(2) Changing the regular line between Girgaum Back Road and Kandewady Lane, and proposed road line in Khattarali Lane, between Kandewady and Thakurdwar Roads.

(3) Changing the regular line at Gunpowder Road between Reay Road and Matharpakhady Road including the portion running from Matharpakhady Cross Lane and Dockyard Road and the portion of Matharpakhady Road between Gunpowder Road and Mazagaon Road.

(4) Changing regular lines at Champawady at its junction with Shaikh Memon Street to a distance of about 60' on C. S. No. 1141.

(5) First time regular line at Sewri New Road from Golanji Hill Road to Sewri Road.

(6) Proposed line at Mahim Durgah (Cadell Road) for widening of passage from Cadell Road to Mahim Durgah.

(7) Marking first time regular line at Mint Road from Manohardas Street to Mint Road Cross Lane.

(8) Lay out of roads through the property of Messrs. J. M. DeSouza and others situated at a passage off Lady Jamshedji Road:—
(*a*) From C. S. No. 794 to 766 running north to south.
(*b*) From C. S. No. 808 to 815 running east and west.

(9) The extension to C. S. No. 176 on east side of Sewri New Road of private street, laid out in the property of Messrs. Vasanji L. Khimji and Company sanctioned as per Standing Committee Resolution No. 5322 of 17th August 1927.

(10) Changing regular line of Custom House Road between Apollo Street and Town Hall.

(11) Changing regular line at Piru Lane at its junction with Bhendy Bazar Road towards east to a distance of about 200′ (to save the mosque).

(12) First time regular line on passage leading to Mahim Fort from its junction with Cadell Road, to a distance of about 175′ towards the west.

(13) Cancelling the south side regular line at Dhobiwada Road, Mahalaxmi (prescribed in 1888).

Enforcement of Building Regulations.

156. **1,131 summonses were issued against house-owners under various sections of the Municipal Act with the result shown in the following statement:—**

Sections of the Municipal Act.	Number of prosecutions.	Number of cases withdrawn on compliance with the requirements.	Number of cases in which parties were warned and discharged.	Number of convictions.	Number of postponements falling during the year 1928-29.	Fines.
						Rs. a. p.
231	1	1	..	..	..	..
250 (1) (*a*)	2	....	..	..	2	..
293 (3)	10	7	..	2	1	13 0 0
308	204	170	..	18	16	77 4 0
312	2	1	..	1	..	5 0 0
315	1	....	..	1	..	20 0 0
322	6	4	..	..	2	..
326	11	11	..	..	..	..
337	93	58	..	18	17	280 0 0
342	183	134	..	24	25	746 12 0
347 A	15	12	..	2	1	43 8 0
349 B	3	1	..	1	1	30 0 0
349 D	2	1	..	.	1	..
353	46	23	..	14	9	176 0 0
353 A	164	91	..	51	22	805 4 0
354	365	236	..	53	76	1,006 8 0
377 A	18	18	..	..	..	..
383	3	3	..	..	..	..
Bye-law 40	2	1	..	1	..	8 0 0
Total ..	1,131	772	..	186	173	3,211 4 0

157. No notice was issued under Section 378 for the improvement of insanitary buildings during the year under report. Action under this Section is now taken by the Health Department.

158. 797 notices were issued under Section 354 of the Municipal Act for the removal of unsafe structures. Out of these 592 were complied with and the remaining 205 were pending at the close of the year.

159. Out of 193 notices under Section 354 that were pending at the close of the previous year, 174 were complied with and the remaining 19 were still pending at the close of the year.

160. 17 buildings or portions thereof collapsed during the year. There were no casualties in 12 cases and in the remaining 5 cases 9 persons were injured and 2 were killed.

161. Action was taken under Section 349 of the Municipal Act in 14 cases for the summary removal of huts or walls thereof made of inflammable materials. Out of these 12 were complied with and the remaining two cases were pending at the close of the year.

162. The four cases under Section 349 of the Municipal Act which were pending at the close of the previous year were complied with during the year under report.

163. Applications were made to the Standing Committee for the removal of unauthorized works in 13 cases. In 7 out of these the works were removed by the parties and the remaining 6 cases were pending at the close of the year.

164. Out of the 12 cases which were pending at the close of the year, in 10 cases the works were removed by the parties, in one case the work was removed by the Municipality and the remaining one case was still pending at the close of the year.

Floor Area of Tenements.

165. During the year under report 1,322 buildings were surveyed by the Ward Inspectors with a view to registering their floor area. The following statement shows the increase and decrease in the floor area of tenements in new and altered buildings in the City:—

Statement showing the increase or decrease in the class and floor area of tenements in new and altered buildings completed during the year 1928-29.

Ward.	Description.	Shops.		Godowns.		Residence.								Remarks.
						One-room tenement.		Two-room tenement.		Larger tenement.		Servants quarters.		
		No.	Floor area.	No.	Floor area.	No.	Floor area.	No.	Floor area.	No.	Floor area.	No.	Floor area.	
			Sq. yds.		Sq. yds.		Sq. yds.		Sq. yds.		Sq. yds.		Sq. yds.	
A	Total floor area of buildings "after" they are altered or newly built... ...	61	1,626	6	486	5	213	2	39	54	14,075	45	1,536	
	Do. do. "before" do. do.	6	204	7	903	...	...	38	3,472	29	3,722	...	...	
	Total increase in floor area of buildings in A Ward	55	1,422	—1	—417	5	213	—36	—3,433	25	10,353	45	1,536	
B	Total floor area of buildings "after" they are altered or newly built ...	58	1,868	14	4,150·33	209	3,774·55	6	141	18	1,344	...	...	
	Do. do. "before" do. do.	...	...	2	205	12	610	...	...	...	...	...	...	
	Total increase in floor area of buildings in B Ward	58	1,868	12	3,945·33	197	3,164·55	6	141	18	1,344	...	...	
C	Total floor area of buildings "after" they are altered or newly built	114	3,538	21	1,080	485	10,184	27	782	111	9,637	5	57	
	Do. do. "before" do. do.	22	556	11	269	255	4,124	...	...	12	1,092	...	...	
	Total increase in floor area of buildings in C Ward	92	2,982	10	811	230	6,060	27	782	99	8,545	5	57	
D	Total floor area of buildings "after" they are altered or newly built... ...	69	1,499	10	433	425	7,295	...	...	497	14,758	78	1,100	
	Do. do. "before" do. do.	...	...	2	21	81	1,352	...	...	33	913	...	...	
	Total increase in floor area of buildings in D Ward	69	1,499	8	412	344	5,943	...	...	464	13,845	78	1,100	
E	Total floor area of buildings "after" they are altered or newly built... ..	110	2,161.41	21	4,902·53	389	5,302·19	2	840	34	13,390·05	1	26	
	Do. do. "before" do. do.	...	...	...	...	15	219	..	...	4	574·58	...	...	
	Total increase in floor area of buildings in E Ward	110	2,161·41	21	4,902·53	374	5,083·19	2	840	30	12,815·47	1	26	

Ward.	Description.	Shops.		Godowns.		Residence.								Remarks.
						One-room tenement.		Two-room tenement.		Larger tenement.		Servants quarters.		
		No.	Floor area.	No.	Floor area.	No.	Floor area.	No.	Floor area.	No.	Floor area.	No.	Floor area.	
			Sq. yds.		Sq. yds.		Sq. yds.		Sq. yds.		Sq. yds.		Sq. yds.	
F	Total floor area of buildings "after" they are altered or newly built	6	75	4	1,262	21	303	21	466	4	158	..	...	
	Do do. "before" do. do	...	...	...	...	...	...	...	...	...	...	...	...	
	Total increase in floor area of buildings in F Ward ...	6	75	4	1,262	21	303	21	466	4	158	...	...	
G	Total floor area of buildings "after" they are altered or newly built .	123	2,783	3	675	121	1,808	428	6,291	63	1,136	...	...	
	Do. do. "before" do. do.	5	115	...	...	10	86	...	...	...	...	...	...	
	Total increase in floor area of buildings in G Ward ...	118	2,668	3	675	111	1,722	428	6,391	63	1,136	...	...	
A to G	Total increase in floor area of buildings in A to G Wards on private land after they are altered or newly built...	541	13,550·41	79	12,988·86	1,655	28,879·74	486	8,559	77	54,498·05	129	2,719	
	Do. do "before" do. do.	33	875	22	1,398	373	6,391	38	3,472	74	6,301·58	...	...	
	Total increase in floor area of buildings on private lands	508	12,675·41	57	11,590·86	1,282	22,488·74	448	5,087	703	48,196·47	129	2,719	
	Total increase in floor area of buildings on City Improvement Trust plots ...	96	2,379	10	170	359	7,554	33	1,075	252	18,253	11	128	
	Grand Total showing the increase in floor area of buildings in the whole City of Bombay ...	604	15,054.41	67	11,760·86	1,641	30,042·74	481	6,162	955	66,449·47	140	2,847	

166. Miscellaneous increase of floor area of buildings in all the Wards A to G—

	No.	Floor area in sq. yards.
I. Public buildings, offices, schools, printing presses, clubs, hostels, cinemas, theatres, etc.	55	11,333
II. Motor garages, coach houses and horse stables ..	156	3,800
III. Milch-cattle stables and bullock stables	28	14,726
IV. Mills, factories, workshops, tanneries, etc.	9	2,658
V. Temples, mosques, durgas, Jamatkhanas, etc. ..	12	6,278
VI. Sheds for shops, godowns and for human habitation	80	7,514
Total of miscellaneous increase of floor area in all wards excepting City Improvement Trust plots	340	46,309
Do. do. City Improvement Trust plots ..	81	3,568
Grand total of miscellaneous increase in floor area in the City during the year 1928-29	421	49,877

INSPECTION OF STAIRCASES

167. 18 Notices under Section 349D of the Municipal Act to provide sufficient means of egress were issued during the year all of which were complied with.

168. Out of the 5 cases which were pending at the close of the previous year, 3 were complied with and the remaining two cases were pending at the close of the year.

169. In all 2,460 Notices were issued under the following Sections of the Municipal Act:—

Sections of the Municipal Act.	Number of Notices.
231	18
299	66
308	762
311	7
329	1
349	14
349D	18
351	65
351 (2)	13
353	156
354	797
354A	103
377A (1)	140
383	5
488	295
Total	2,460

REPAIRS TO MUNICIPAL BUILDINGS AND PLAGUE MEASURES.

170. The building and repair works to Municipal properties entrusted to the Annual Repairs and Pet y Works contractors during the year amount to Rs. 1,86,265-8-5.

171. The painting works entrusted to the Painting Contractors amount to Rs. 25,485-8-3.

Plague measures taken during the year.

172. No new camps were erected during 1928-29.

The following semi-permanent Health camps were maintained during the year at a total cost of Rs. 2,826-2-0.

	Number of rooms.
2nd Koli Lane, Colaba..	5
Suklaji Street	20 rooms, outhouse of 4 rooms and a Camp Master's House.
Chinchpokli and Arthur Road	90
Tulsi Pipe Line, Mahim	37

173. The number of Municipal properties was about 515 and the number of the properties acquired in connection with the Development Schemes was about 430.

House Numbering.

174. Revised House Numbering of the seven wards excepting the areas affected by the City Improvement Trust and Municipal Development Schemes in F and G Wards was completed during the year under report.

175. The temporary staff with the exception of two clerks engaged on this work has been discontinued since the beginning of March 1929.

I have the honour to be,
Sir,
Your most obedient servant,
T. K. RODDAN,
Executive Engineer.

WATER WORKS.

REPORT OF THE HYDRAULIC ENGINEER FOR THE YEAR 1928-29.

The total quantity of water received during the year from all sources (Tansa, Vehar and Tulsi) amounted to 27,801 million gallons or an average of 76·16 million gallons per day. The corresponding figures for the preceding year being 25,718 million gallons or an average of 70·5 million gallons per day. The average daily supply to the Suburbs was 2·12 million gallons per day leaving a balance of 74·04 million gallons per day for distribution in the City. Taking the population according to the Census Report of 1921 at 11,75,914 and allowing an interim increase of 1,57,176 the average daily supply per head of population was 54·80 gallons for all purposes as compared with 52·2 gallons during the preceding year.

His Excellency the Governor of Bombay and Lady Sykes paid an informal visit of inspection of the whole of the Tansa works between Tansa and Santa Cruz on the 6th January 1929.

Tansa Lake.

The total rainfall for the year measured at the Dam was 86·93 inches or 15 per cent. below the average of the preceding 5 years.

Rain fell on 105 days and exceeded one inch per day on 30 occasions, 2 inches per day on 10 occasions and 3 inches per day on 4 occasions. The maximum rainfall recorded in a day being 10·50 inches.

The lake commenced to overflow at R. L. 420 T. H. D. on the 29th August 1928 when the rainfall amounted to 74·69 inches, and continued to overflow until the 22nd September 1928, except for an intervening period of about a fortnight. The total quantity of water that passed over the waste weir was estimated to be 971 million gallons.

The total quantity of water impounded in the lake during the year including that drawn off from the lake and lost by evaporation and absorption, etc., was 36,132 million gallons which together with the quantity lost over the waste weir, is equivalent to 62½ per cent. of the rainfall on the catchment area of 30,080 acres.

The total quantity of water brought into the City and Suburbs from the lake during the year amounted to 27,018 million gallons or an average of 74·02 million gallons per day.

The loss of water from the lake through supply, evaporation, leakage and absorption between 1st April 1928 to 9th June 1928 was 7,990 million gallons and between 1st November 1928 to 31st March 1929 was 15,635 million gallons making a total of 23,625 million gallons for 221 days or an average of 106·8 million gallons per day.

The quantity of water brought into the City and Suburbs during the same periods was 5,355 and 11,232 million gallons respectively, making a total of 16,587 million gallons for 221 days or an average of 75 million gallons per day. The average leakage, absorption and evaporation, etc., therefore amounted to 31·8 million gallons per day.

The average loss of water by evaporation as measured during the dry months was ·17 inches per day equivalent to an average of 15 million gallons per day.

The lowest level to which the water was drawn before the break of the Monsoon was 392·54 feet above T. H. D. leaving 12·54 feet or 8,124 million gallons above the bottom of the lowest out-let.

The total visible leakage along the Duct between Tansa and Ghatkopar measured at the close of the year was about 0·85 million gallons per day.

There were no bursts on the Tansa Mains outside Bombay during the year.

The whole of the water supply received from Tansa was chlorinated at Bhandup by the temporary chlorinating plant constructed in 1927 and the results of fortnightly Bacteriological tests showed a complete absence of Lactose Fermenters and B. Coli in 100 cc of water in each test.

The permanent Chlorinating plant which is being installed by the Patterson Engineering Company at Powai for treating the water supplied from Tansa through the two 72" mains has not yet been brought into use. The Contractors have now installed new chlorine pumps, pipes and valves and hope to be in a position to start up the plant early in the ensuing year.

Vehar Lake.

The total rainfall for the year measured at the lake was 87·47 inches or 1 per cent. above the average of the preceding 5 years.

Rain fell on 91 days and exceeded one inch per day on 22 occasions, 2 inches per day on 13 occasions and 3 inches per day on 8 occasions. The maximum rainfall recorded in a day being 8·04 inches.

The lake commenced to overflow (at R. L. 264·50 T. H. D.) on the 24th July 1928 when the rainfall amounted to 39·96 inches and continued to overflow until the 29th September 1928. The total quantity of water that passed over the waste weir was estimated to be 5,017 million gallons.

Water was supplied to the City from the Vehar Lake from the 24th to 27th June and from the 1st to 3rd July only. The total quantity supplied amounting to 77·79 million gallons or an average of 12·96 million gallons per day for 6 days.

The total quantity of water impounded in the lake during the year including loss by evaporation and absorption, etc., was 1,557 million gallons which together with the quantity lost over the waste weir, minus the overflow from the Tulsi Lake received within the Vehar Catchment (5017-721), is equivalent to 74 per cent. of the rainfall on the catchment area of 3,950 acres.

The loss of water from the lake through evaporation, leakage and absorption between 1st April and 9th June 1928 was 535 million gallons and between 1st November 1928 and 31st March 1929 was 1,478 million gallons, making a total of 2,013 million gallons for 221 days or an average of 9.10 million gallons per day.

The average loss of water by evaporation as measured during the dry months was ·18 inches per day equivalent to an average of 6 million gallons per day.

Tulsi Lake.

The total rainfall for the year measured at the lake was 110·35 inches or 14· per cent. above the average of the preceding 5 years.

Rain fell on 100 days and exceeded one inch per day on 29 occasions, 2 inches per day on 16 occasions and 3 inches per day on 10 occasions. The maximum rainfall recorded in a day being 8·61 inches.

The lake commenced to overflow at R. L. 456·50 T. H. D. on the 27th August 1928 when the rainfall amounted to 87·77 inches and continued to overflow until the 27th September 1928, except for an intervening period of about fortnight. The total quantity of water that passed over the waste weir was estimated to be 721 million gallons.

The total quantity of water impounded in the lake during the year including that drawn off from the lake and lost by evaporation and absorption, etc., was 1,522 million gallons which, together with the quantity lost over the waste weir, is equivalent to 54 per cent. of the rainfall on the Catchment area of 1,669 acres.

Water was supplied from this lake to the City from the 24th June 1928 to 13th January 1929 a period of 204 days.

The total quantity of crude water drawn from the lake into the filters was 745·95 million gallons while 703·75 million gallons of filtered water were obtained and supplied to the City, the balance of 42·22 million gallons being lost in washing and charging filters. The crude water drawn from the lake and the filtered water supplied to the City respectively amounted to an average of 3·65 and 3·45 million gallons per day for the period of 204 days of supply.

The loss of water from the lake through evaporation, absorption, leakage, etc., between 1st April 1928 and 9th June 1928 was 358 million gallons and deducting the quantity drawn off the lake for supply to the City between 1st November 1928 and 31st March 1929 (inclusive) was 613 million gallons making a total of 871 million gallons for 221 days or an average of 4·4 million gallons per day.

The average loss of water by evaporation as measured during the dry months was ·17 inches per day equivalent to an average of 1·02 million gallons per day.

There was one burst on 24" Tulsi main at Santa Cruz during the year.

Powai Lake.

The total rainfall for the year measured at the lake was 97·99 inches or 19 per cent. above the average of the preceding five years.

Rain fell on 94 days and exceeded one inch per day on 24 occasions, 2 inches per day on 14 occasions and 3 inches per day on 10 occasions. The maximum rainfall recorded in a day being 10·66 inches.

The lake commenced to overflow at R. L. 195 T. H. D. on 19th July 1928 when the rainfall amounted to 33·52 inches and continued to overflow until 29th September. The total quantity of water that passed over the waste weir was estimated to be 2,793 million gallons.

The total quantity of water impounded in the lake during the year, including loss from evaporation and absorption, etc., was 375 million gallons which together with the quantity lost over the waste weir is equivalent to 86 per cent. of the rainfall over the Catchment area of 1,650 acres.

The loss of water from the lake through evaporation, leakage and absorption between 1st April 1928 and 9th June was 151 million gallons and between 1st November 1928 and 31st March 1929 was 232 million gallons, making a total of 383 million gallons for 221 days or an average of 1·7 million gallons per day.

No water was supplied to the City from Powai Lake during the year.

Maintenance Works.

There were 63 bursts on water mains of various sizes during the year, *viz.* :—

3"	30
4"	19
5"	8
6"	2
7"	1
14"	1
15"	1
24"	1

The number of water connections made during the year 1928-29 was 532. The number of connections cut off for various reasons was 116 out of which 55 were subsequently restored.

The net increase in the number of connections is therefore 471. The total number of connections now stands at 33,468.

The total number of Municipal Meters at present in use is 2,147.

The number of disconnection orders sanctioned by the Standing Committee from time to time during the year was 204 against 157 last year. These have been dealt with as follows:—

(1) Disconnections not enforced owing to the requirements having been complied with	88
(2) Disconnections enforced	116
(3) Connections restored on compliance with Municipal requirements ..	55
(4) Connections remaining unrestored	61

Waste Prevention.

Waste prevention operations were continued throughout the year with the result that 26,904 defects were detected and repaired; of these, 14,638 were underground and 12,266 above ground defects.

The total length of water mains tested for leakage by Deacon's Meters was 329 miles and 3,792 feet.

The total length of water mains of all sizes tested by sound during the year was 146 miles and 1,292 feet.

The number of defect notices issued during the year was 2,802.

Particulars of defects detected and remedied, the number of diagrams taken and wastage checked during the year are given in the attached statement:—

Statement of Defects found on Mains and Service Pipes during the year 1928-29.

Month.	No. of Diagrams.	Total leakage discovered and arrested in Gallons per hour.	DEFECTS.																				Total.
			Under Ground.									Above Ground.											
			Mains.		Sluice Valves.	Hydrants.	Service Pipes.	Stop Taps.	Disconnected service pipes.		Miscellaneous Holes in Mains, etc.	Bib Taps.			Service Pipes.		Ball Valves and Tanks.			Stop Taps leaking.	Meter Coup Flanges, Holes, etc.	Miscellaneous.	
			Bursts.	Joints.					Ferrule leak.	Pipe leak.		Re-washered.	Out of order.	Left open.	Leaking.	Without Tap.	B. V. out of order.	Tanks without B. Vs.	Tanks leaking.				
1928.																							
April	78	3,44,154	10	34	141	679	437	137	5	2	1	435	255	3	160	27	84	9	18	53	19	19	2,528
May	88	3,25,408	9	49	96	641	422	171	3	4	1	466	274	..	179	23	88	20	12	32	25	21	2,536
June	79	3,24,332	5	51	131	538	406	130	2	4	2	425	255	..	136	8	67	20	15	39	17	28	2,279
July	99	3,14,495	6	33	144	502	344	100	7	..	13	457	276	5	132	25	96	12	11	42	13	13	2,231
August	89	3,01,717	2	36	132	532	357	111	2	5	..	486	311	..	151	6	75	13	9	36	9	17	2,290
September	82	3,11,649	4	32	120	408	324	107	3	8	6	455	301	..	162	13	98	12	17	56	13	5	2,144
October	90	3,11,439	5	25	110	640	386	141	2	1	2	501	286	1	173	31	76	4	55	42	18	2	2,501
November	80	3,10,007	3	34	103	573	373	168	4	8	17	476	282	1	126	13	99	13	15	49	14	7	2,378
December	76	3,17,853	9	38	93	547	400	129	5	12	13	441	199	..	100	11	65	4	11	48	15	5	2,143
1929.																							
January	94	3,19,311	3	48	148	500	482	151	6	4	3	498	230	..	144	12	125	8	7	51	28	8	2,456
February	61	2,59,154	2	24	88	429	299	91	1	1	11	308	138	..	96	18	47	9	6	34	19	2	1,623
March	63	2,67,961	5	34	101	510	263	103	..	5	36	327	177	..	72	1	63	20	15	26	17	20	1,795
Total ..	979	37,07,480	63	438	1,407	6,499	4,493	1,539	40	54	105	5,275	2,984	10	1,631	188	981	144	191	508	207	147	36,904
Grand Total ...	979	37,07,480	14,638									5,275	6,991										36,904

Service Reservoirs.

There were no additions or alterations made to the Service Reservoirs at Malabar Hill and Bhandarwada during the year. The Public Tennis Courts at the latter reservoir were well patronized, the total receipts for the year amounting to Rs. 419 as against Rs. 724 in the year 1927-28. The decrease in revenue being due to the reduction in the rate charged for the hire of the Courts.

New Works.

The following statement shows the amount of work done during the year in connection with the laying of new water mains, replacing old worn-out water mains and the diversion of water mains.

Distributing and Service Mains laid during 1928-29.

Ward.	Locality.	Size of main replaced.	Size of main laid.	Length in feet.	Remarks.
A	Kumta Street	..	6″	611′	
A	Manglore Street	..	6″	603′	
A	Kalicut Street	..	6″	617′	
A	Barrack Street (Hornby-Ballard Scheme) ..	..	12″	431′	Main diverted.
A	Do. do. ..	..	9″	459′	Do.
A	Colaba Road	4″×3″	6″	760′	
B	Chakla Street	..	15″	69′	
B	Sydenham Road	..	5″	346′	Main diverted.
D	Race Course	57″	48″	960′	
D	Nana's Chawk	..	57″	7′	
E	Bora Street	..	6″	366′	
E	Love Lane	..	6″	2,536′	Main diverted.
E	Do.	..	3″	20′	
E	Bhandarwada Reservoir	..	18″	76′	
E	Mazgaon Road	..	24″	637′	

Distributing and Service Mains laid during 1928-29—*continued.*

Ward.	Locality.	Size of main replaced.	Size of main laid.	Length in feet.	Remarks.
E	Mazagon Road	..	15″	25′	
E	Jacob Circle	..	3″	59′	
E	Do.	..	9″	50′	
E	Do.	..	24″	26′	
E	Do.	..	27″	138′	
E	Parel Chawl Road	..	6″	838′	
E	Do.	..	3″	84′	
E	Do.	..	4″	15′	
F	Parel Government House Gate Road ..	..	24″	12′	
F	Scheme No. 5 between Dadar Station and Kings Way.	..	6″	665′	
F	Do. do. ..	..	5″	99′	
F	Branches for S. P. Hydrants Matunga Road between Sewri × Road and King's Circle.	..	3″	335′	
F	Sewri Cemetery..	..	1″	325′	
F	Do.	..	1½″	15′	

Distributing and Service Mains laid during 1928-29—*concluded.*

Ward.	Locality.	Size of main replaced.	Size of main laid.	Length in feet.	Remarks.
F	Sewri-Wadala Scheme No. 57	...	9′	2,076′	
F	Do.	12″	6″	645′	
G	Tulsi Pipe Road	..	24″	1,787′	
G	Do.	..	12″	92′	
G	Do.	..	6″	133′	
G	Do.	..	4″	76′	
	Do.	..	3″	46′	
G	New Parbhadevi Road	12″	15″	169′	
G	Dadar Road and Dadar Over-Bridge west of Tulsi Pipe Line.	..	9″	955′	
G	Jacob Circle	..	6″	261′	
G	Arthur Road	..	6″	1,576′	
G	Elphinstone Road (for sewage)	..	12″ (sewer)	1,297′	Laid as a sewer for the Drainage Department.

Financial.

The Budget grant for the maintenance of the Water Department for the year 1928-29 was Rs. 9,42,661 which, with the lapsed grants renewed and with the transfers and additional grants sanctioned, amounted to Rs. 9,80,960. The total expenditure incurred against this sum and paid for during the year amounted to Rs. 8,17,844, leaving an unexpended balance of Rs. 1,63,116, a portion of which will be renewed in 1929-30 to meet the liabilities incurred during the year :—

The number of cases disposed of	4,800
The number of vouchers received and passed	2,670
The number of Departmental and Private Works bills preferred and forwarded	1,008
The number of references made to Inspectors for certificates of vouchers	2,767
The number of reports and certificates received from the Inspectors..	5,330
The number of requisitions received and forwarded	1,524
The number of contracts executed	2
The number of advices sent to the Chief Accountant	2,912

W. A. NIVEN,
Hydraulic Engineer.

FIRE BRIGADE.

I have the honour to submit my Annual Report on the working of the Brigade for the year 1928-29.

Calls.—The number of calls to fires or supposed fires totalled 445 as against 396 the previous year and resulted in 238 fires, 103 false alarms, and 9 to fallen buildings and accidents, etc. Compared with last year the number of fires shows an increase of 21. Thirty-two of the 103 false alarms were returned as malicious, 25 it is presumed were given with good intent, 10 were due to the recent rioting and 36 were caused by electrical defects and cable faults.

Fires.—One hundred and fifty-five fires were extinguished by the Brigade and 83 before our arrival. Nine serious fires occurred during the year, brief details of which are shown in Appendix III.

Fire Loss.—The estimated fire loss has amounted to Rs. 20,20,755 showing an increase of Rs. 1,75,202 over the previous year and Rs. 7,46,980 above the average of the last three years. Rs. 12,85,299 of the year's loss represented insured and Rs. 7,35,456 uninsured property, whilst the total property at risk has been rated at approximately Rs. 4,83,91,005. The oil tank fire at Sewree on June 1st was responsible for 4 lakhs of the uninsured loss.

Water Supply.—The supply throughout the year has been satisfactory and the attendance of the Water Department prompt. The approximate quantity of water used at fires was 16,715 tons, 10,090 of which were drawn from mains and 6,625 from sea, tanks and wells.

Lives lost, etc.—Five persons lost their lives as a result of fires during the year. Twenty-three persons received minor injuries from which they have since recovered. First Aid was rendered by the Brigade on 12 occasions.

Fire Alarms.—Seventy-one per cent. of the total number of calls during the year were received through the system. The total number of alarms now installed within the City and Island is 152. The conversion of the Southern station systems to the improved system referred to last year I regret to say has not yet been taken in hand. Negotiations with the Bombay Telephone Company however are still pending and it is hoped the work will be commenced very shortly. Five arrests were made in connection with malicious interference with fire alarms. In each case the accused person was found insane and dealt with accordingly.

Appliances.—One motor engine purchased in 1907 is now becoming unreliable and will soon have to be removed from active service. Otherwise the appliances are in good condition.

Stations.—On the opening of the new Dadar station the old Mahim station was closed from the 24th April as referred to in last year's report.

It is unsatisfactory to note that the question of the new station at Mint Road to serve the Fort area has been held in abeyance again this year.

The inadequacy of the Bhuleshwar station to accommodate appliances to cope with the daily increasing risk in the City warrants the selection of a site for a more modern station. It is hoped a site will be secured at the Sandhurst Road end of the new Sydenham Avenue.

The question of the remodelling of the Headquarters station on up-to-date lines has received attention. With the increasing risk in the North of the Island and the growth of the Brigade generally the need of a more modern station at Byculla is daily felt.

General.—The Brigade appliances on fifteen occasions responded to fallen buildings and other rescue operations. Three persons were killed and four received slight injuries as a result of these collapses.

The distance run by the appliances to and from the 445 calls to fires totalled 3,656 miles.

Hydrant inspection throughout the Island was regularly carried out.

Forty-one inspections of theatres, cinemas and circus-tents were carried out and four hundred and sixty-four of premises in connection with dangerous trades, as against 35 and 485 respectively during the previous year.

The general health of the staff has been good and the complement practically at full strength throughout the year. Several men received slight injuries at fires but none proved serious. One man died and 24 were invalided, resigned or otherwise left the service.

Instruction classes in First Aid to the injured were held regularly to the staff and three examinations were held. As a result 42 men passed and 21 failed. Approximately 60 per cent. of the staff are now qualified.

Ambulance Service.—728 accident calls and 1,513 cases of hire were responded to as against 609 and 1,133 respectively during the previous year. 2,413 persons were carried as against 1,807 last year and the distance run by the ambulances has been 17,997 miles. Receipts from hire amounted to Rs. 8,800 as against Rs. 6,355 last year. First Aid to the injured was rendered by the staff on 470 occasions.

In conclusion I wish to express my thanks to the officers of the Water Department, Police and Salvage Corps, for the assistance on all occasions.

I have the honour to be,

Sir,

Your Most Obedient Servant,

T. C. GREENOP,

Chief Officer, Fire Brigade.

Budgetted Strength and Equipment of the Brigade :—

Strength.

1	Chief Officer.	24	Motor Drivers.
1	2nd Officer.	27	Tindals.
12	Station Officers.	204	Firemen, etc.
1	Motor Mechanic.	4	Turncocks.
1	Sub-Officer.	1	Carpenter.
10	Engineers and Fitters.		

Office Staff :—4 Clerks.

Ambulance Staff :—6 Motor Drivers and 15 Attendants.

Equipment.

11	Motor pumps, (8 with 1st aid appliances).	13	Hose reels.
4	Steam motor engines.	5	Smoke helmets.
2	Motor escape and 1st aid tenders.	1	Oxy-acetylene cutting plant.
1	Motor turntable ladder.	1	Motor car.
1	Motor emergency van.	2	Motor lorries.
9	Hand fire escapes.	40,000	feet of hose, Froth extinguishers and other small appliances.
4	35 feet extension ladders.		

5 Ambulances.

APPENDIX I.

Bombay Fire Brigade.

Statement showing the distribution of Engines, etc.

No.	Stations.	Motor Pumps.	Steam Motor Engines.	Motor Escape & 1st Aid Tenders.	Motor Turntable Ladder.	Motor Emergency Van.	Hand Fire Escapes.	Hose Reels.	Smoke Helmets	Oxy-Acetylene Cutg. plant	Motor Car.	Motor Lorries.	Delivery Hose, in 50 feet lengths.	Station Officers including 2nd Officer.	Motor Mechanic.	Sub-Officer.	Engineers and Fitters.	Motor Drivers.	Tindals.	Firemen, etc.	Turncocks.	Carpenter.	Ambulances.	Motor Drivers.	Firemen (Attendants.)	Remarks.
1	Head Quarters.	4	1	...	...	1	2	1	5	1	1	2	305	4	1	1	7	11	12	63	1	1	3	4	11	First aid appliances attached. Escape carried on motor pump.
2	Alexandra Dock	2	...	...	...	...	1	1	...	...	...	...	80	2	...	...	...	2	2	18	...	...	1	1	2	First aid appliances attached. Escape carried on motor pump.
3	Gowalia Tank ...	1	...	...	...	...	1	1	...	...	...	...	45	1	...	...	...	1	1	20	...	...	...	...	...	First aid appliance attached. Escape carried on motor pump.
4	Sewree Cotton Depot.	1	...	...	...	...	...	2	...	...	...	..	60	1	...	...	...	1	1	16	...	...	...	..	...	First aid appliance attached. Carries 35 feet ladder.
5	Babula Tank ...	..	1	1	..	...	1	1	...	...	...	...	60	1	...	..	1	2	2	20	1	...	...	...	...	
6	Fort...	1	...	...	..	...	1	...	...	...	..	...	30	1	...	...	...	1	2	13	..	...	...	...	...	First aid appliance attached. Carries 35 feet ladder.
7	Colaba	1	...	...	..	...	1	2	...	...	...	...	40	1	...	...	.	1	1	13	...	...	...	...	...	First aid appliance attached. Escape carried on motor pump.
9	Mahim	St	at	io	n	cl	os	ed	o	n	th	e	24th	Apr	il	19	28	Sta	ff	and	ap	pl	ia	nc	es	
10	Dadar	1	...	1	...	...	1	2	..	...	..	...	80	1	...	...	...	2	2	16	1	...	1	1	2	First aid appliance attached, Escape carried on motor pump.
11	Bhuleshwar ...	...	1	...	...	..	1	1	...	...	..	...	40	...	...	..	1	1	2	9	...	...	...	...	...	
12	Mandvi	...	1	..	1	...	.	2	..	...	...	...	60	1	...	...	1	2	2	16	1	...	...	...	..	
	Total ...	11	4	2	1	1	9	13	5	1	1	2	800	13	1	1	10	24	27	204	4	1	5	6	15	

APPENDIX II.

BOMBAY FIRE BRIGADE.

Summary of calls to fires (including false alarms) showing the number of times the appliances were used for attending and extinguishing fires during the year 1928-29 :—

STATIONS.	No. of Fire Alarms.	How called.					Appliances attended.								How extinguished.									REMARKS.
		By Strangers.	By Police.	By Fire Alarms.	By Telephones.	Total.	Hose Reels.	Motor Steamers.	Motor Pumps.	First Aid Tenders.	Motor Turntable Ladder.	Motor Lorries.	Hand Escapes.	Motor Emergency Van.	Buckets.	Hand Pumps.	Chemical Extinguishers.	1st Aid Appliances.	Hydrants.	Steamers.	Motor Pumps.	Sand.	Sprinklers actuated.	
Head-Quarters ...	16	3	2	18	91	114	...	1	146	...	...	16	...	12	11	...	4	7	10	1	32	1	150	
Alexandra Dock	17	...	...	13	...	13	...	...	57	...	...	...	...	...	2	...	1	3	3	...	5	2	...	
Gowalia Tank	27	...	...	39	...	39	20	...	66	...	...	...	...	...	1	...	1	4	2	...	5	...	...	
Sewree Cotton Depot	8	8	..	13	...	21	7	...	27	...	...	...	..	...	1	...	1	7	7	...	7	2	...	
Babula Tank	12	3	...	54	...	57	...	169	...	174	...	...	..	...	11	2	1	12	11	12	...	...	...	
Fort	11	9	...	25	...	34	...	...	53	...	...	...	26	...	7	2	4	5	1	...	4	6	...	
Colaba	8	2	...	4	...	6	...	...	38	...	...	...	...	...	1	...	1	3	...	...	4	1	...	
Mahim	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Station closed from the 24th April 1928.
Dadar	25	1	...	32	...	33	3	...	44	9	...	...	...	...	11	...	3	4	14	...	6	2	...	
Bhuleshwar	18	6	...	93	..	99	2	122	...	...	...	...	95	...	12	3	...	...	13	5	...	5	...	
Mandvi	10	3	...	26	...	29	1	51	5	...	97	...	...	...	5	4	2	...	11	11	2	...	...	Motor pump temporarily attached.
Total ...	152	35	2	317	91	445	33	343	436	183	97	16	121	12	62	11	18	45	72	29	65	19	150	

APPENDIX III.

BOMBAY FIRE BRIGADE.

BRIEF DETAILS OF THE MOST SERIOUS FIRES OF THE YEAR 1928-29.

Date.	Time.	Place.	Business.	Extinguished by	Damage.	Estimated loss.
1928.						Rs.
21st April ..	1-22 A.M.	5th Street, Sewree Cotton Depot.	Cotton Merchants.	Firemen with 4 motor pumps and 1 motor steamer.	About 3,600 bales of cotton damaged by fire, heat and water on Jethas Nos. 170, 171, 174 and 175 on open ground.	1,70,000
26th April ..	8-20 A.M.	Navsari Building, Outram Road, Fort.	Photographer and Film Producer.	Firemen with 4 motor pumps and 1 motor steamer.	A building of 5 floors 170 × 100 feet, used as shops, offices, stores, photographic studio and dwelling. Back portion of top floor used as studio, staircase, lift, shaft and dwellings, etc., about 80 × 50 feet and contents burned out and most part of roof off. Rest of top floor and contents severely damaged by fire, heat, smoke, water and breakage and lower part of building and contents by water and dirt.	2,53,000
6th May ..	8-30 P.M.	New Chinch Bunder Road, Mandvi.	General Merchants.	Firemen with 3 motor steamers and 1 motor pump.	A range of godowns of one floor covering an area of about 120 × 60 feet used for general storage. About one half and contents severely damaged by fire and rest of ditto and contents by heat, smoke and water.	88,000
12th May ..	6-44 A.M.	Mutton Street, Null Bazar.	Furniture Mart.	Firemen with 5 motor pumps and 2 motor steamers.	An area of 180 × 80 feet comprising ground floor and four and five floored buildings used as furniture dealers and dwellings, etc., and contents severely damaged by fire, heat, smoke and water and partly fallen down.	93,000
14th May ..	8-22 A.M.	5th Street, Sewree Cotton Depot.	Cotton Merchants.	Firemen with 1 motor pump, and 4 hydrants.	About 2,850 bales of cotton damaged by fire, heat, smoke and water on Jetha No. 128 on open ground.	1,16,000
1st June ..	8-49 A.M.	Oil Depot Road, Sewree.	Oil Importers	Firemen with 6 motor pumps and 3 motor steamers.	A circular steel tank used for mineral oil storage and contents consisting of 5,62,073 gallons of mineral oil destroyed by fire and collapsed in open bulk oil installation.	4,00,000
7th Aug. 1929.	9-43 A.M.	Lady Hardinge Road, Mahim.	Firework Importers.	Firemen with 1 motor pump and 1 hydrant.	A ground floor building 50 × 40 feet used as firework store and contents severely damaged by fire, heat, smoke and water and part of roof off on open ground.	1,00,000
19th Feb. ..	10-25 A.M.	Suparibaug Road, Parel.	Cotton Mill.	Firemen with 4 motor pumps and Mill appliances.	About ¼th of 3rd floor used as Muling Department of a building of 5 floors 140 × 110 feet and contents severely damaged by fire and heat. Rest of floor and contents slightly by heat, smoke and water and contents of lower floor by water and dirt.	82,000
24th March..	1-55 P.M.	2nd Avenue, Sewree Cotton Depot.	Cotton Merchants.	Firemen with 6 motor pumps, 1 motor steamer and 4 hydrants.	Four stacks comprising about 3,336 bales of cotton damaged by fire, heat, smoke and water on Jethas Nos. 57, 58, 60 and 61 on open ground.	3,50,000

BOMBAY FIRE BRIGADE.

APPENDIX IV.

Summary of lives lost at fires during the year and persons who received such injuries that death subsequently ensued.

Date.	Time.	Place.	Remarks.
1st June 1928 ..	3-45 P.M.	Walkeshwar Road. ..	Laxmibai Mahadeo, aged 16 years, burned about body and head. First aid rendered by the Brigade and removed to hospital Since dead.
6th June 1928 ..	9-58 A.M.	No. 46, Cawasji Patel Tank Road.	Gangabai Manilal, aged 19 years, severely burned on body. First aid rendered by the Brigade and removed to hospital by the Brigade ambulance. Since dead.
18th July 1928 ..	7-20 P.M.	No. 1, Queen's Road. ..	Laharibai Bechar Shah, aged 44 years, badly burned on body. Treated by a private doctor and removed to hospital by Brigade ambulance. Since dead.
8th August 1928 ..	6-46 P.M.	Anjirwadi, Mount Road...	Firozkhan Mahomed, aged 28 years, severely burned on hands and body. Treated at hospital. Since dead.
30th Sept 1928 ..	6-10 P.M.	No. 224, Duncan Road ..	Pandharinath Bhagoji, aged 45 years, received electric shock due to a defective wire. Died on the way to hospital.

BOMBAY FIRE BRIGADE.

APPENDIX V.

Monthly Summary of Fires and Annual Losses for the Period 1919-20 to 1928-29.

YEAR.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total.	Estimated Loss.
														Rs.
1919-1920	27	22	19	18	9	13	27	27	32	26	32	25	277	38,47,907
1920-1921.	29	24	22	21	19	23	26	40	48	24	33	46	355	61,43,244
1921-1922.	27	19	32	17	20	16	24	65	25	32	28	25	330	40,46,289
1922-1923.	25	34	22	20	15	16	21	30	20	29	36	24	292	22,57,137
1923-1924.	32	30	23	25	15	19	26	26	25	25	18	31	295	35,72,921
1924-1925.	14	18	27	15	19	15	20	29	23	24	21	34	259	15,25,610
1925-1926.	26	25	17	14	11	12	17	10	17	28	23	24	224	9,83,089
1926-1927.	25	27	17	14	11	20	14	31	27	22	17	27	252	9,92,682
1927-1928	19	21	15	10	7	18	22	18	22	28	19	18	217	18,15,553
1928-1929.	14	29	20	13	14	14	30	21	8	27	25	23	238	20,20,755

PUBLIC GARDENS.

No. G./225-A. of 1929-30.

BOMBAY, *4th June* 1929.

FROM

THE SUPERINTENDENT,

MUNICIPAL GARDENS,

To

THE MUNICIPAL COMMISSIONER

FOR THE CITY OF BOMBAY.

Subject : Annual Report.

SIR,

I have the honour to submit the Annual Report on the working of the Municipal Gardens under my charge for the year 1928-29.

2. I continued to be in charge of the Gardens throughout the year.

3. The following Gardens were maintained during the year:—

(*a*) Victoria Gardens ; (*b*) Elphinstone Circle Garden ; (*c*) Falkland Road Garden ; (*d*) Northbrook Garden ; (*e*) Victoria Square (Bhattia Baugh) ; (*f*) Esplanade Bandstand ; (*g*) Chowpatty Bandstand ; (*h*) Flora and Wellington Fountains and the Queen's Statue ; (*i*) Dayam Baugh ; (*j*) King's Circle, Matunga.

4. The following Recreation and Playgrounds were maintained during the year :—

(1) Babula Tank ; (2) Cawasji Patel Tank ; (3) Hamalwady ; (4) Cavel Street ; (5) Mumbadevi ; (6) Gowalia Tank Ground ; (7) Gilder Tank ; (8) Mustan Tank ; (9) 2nd Peerkhan Lane ; (10) Tank Square ; (11) Nawab Tank ; (12) Hornby Vellard ; (13) Nowroji Hill Estate ; (14) Willingdon Playground ; (15) Bombay Working Men's Institute Recreation Ground, Parel.

5. The Playgrounds at Mustan Shah Baugh, at Gilder Tank and Willingdon Playground at Ripon Road, all of which have been fitted with gymnasium apparatus, &c., have been a source of great attraction to the school boys and children, who freely take advantage of them. These playgrounds have been a great success and our usual thanks are due to the Young Men's Christian Association and its energetic Secretary Mr. H. W. Bryant for conducting and supervising the games so well. The Young Men's Christian Association have also been organizing the Volley Ball and Basket Ball Tournaments at all these playgrounds and besides the local clubs, many of the local schools join and take part in them. The prize distribution of the Basket Ball Tournament took place on the 10th November 1928 and the prizes to the successful team were distributed by the Hon'ble Mr. Justice Mirza Ali Akbarkhan of the Bombay High Court, who so kindly presided on the occasion. The prizes for the Gole Challenge Cup for the Volley Ball Tournament were distributed by the Hon'ble Mr. Raffiudin Ahmed, Minister of Education, Bombay Government, who graced the occasion on 1st February 1929. The Cup for the Volley Ball Tournament has been presented by Rao Saheb Gole, Inspector of Police of Nagpada Police Station, Byculla, and that for the Basket Ball by Mr. M. K. Azad, Bar.-at-Law. Our best thanks are due to both these gentlemen. These tournaments are now an annual feature and have proved a great success.

6. This year one more Municipal Playground, *viz.*, the Recreation Ground which was laid out at a cost of Rs. 2,976 at the Working Men's Institute, Parel, was added to the list and it was taken over from the Engineering Department on 21st April 1928. The Gymnasium Apparatus at this place was re-fixed at a cost of Rs. 258-9-0. Being situated in the same compound as the Municipal Marathi School, this playground is a source of

great attraction to the students, who freely resort to this place and take advantage of the open space and lawn and the Gymnasium Apparatus. The Municipal Playground behind the Anglo Vernacular School at Babula Tank was further extended this year at an estimated cost of Rs. 2,798, making an aggregate of 4,000 square yards. The grounds have been levelled, turfed and laid out as a Recreation Ground and have been of great benefit to the children attending the school and of the locality.

7. The cricket grounds at Gowalia Tank have been freely taken advantage of by the local clubs and schools and not a single plot has remained vacant. The City Improvement Trust have agreed to hand over to the Municipality the plot of land to the west of the playground, which joins the Gowalia Tank Road with the Tejpal Road and it is proposed to take over this plot next year, to be thrown into the existing Gowalia Tank Playground so that its area will be increased.

8. As reported in the last year's Annual Report, it is proposed to take over the Recreation and Playgrounds from the City Improvement Trust that are ready within the course of the next year, as the Corporation has now sanctioned the necessary grant in the Budget of 1929-1930 for their maintenance and up-keep.

9. The water supply of the Garden has considerably improved, since the completion of the Tansa Scheme and a continuous and copious water supply has been ensured. The Flora Fountain in Fort is played every evening for an hour and this has added to the charms of the Fort area. As reported last year, the fountain in the central avenue in the Victoria Gardens is now connected to the water mains, thanks to Mr. Niven, The Hydraulic Engineer, and this fountain is played regularly for an hour in the evening and on holidays in the morning also with the result that it has caused great attraction to the visitors, rendering a beautiful aspect to the central avenue of the Gardens.

10. The supply of labour was just as short as in the past years. Although there is a good demand for trained mallees from everywhere, it is very difficult to obtain good mallees and the work is carried out by such unskilled labour as can be had now-a-days.

11. Some of the lawns, shrubberies and flower beds were planted and renovated as required from time to time and many more were added. The flower beds in the central avenue and elsewhere made the usual show of bright and variegated colours. During the monsoon, the Zinias and Dahlias made a very good show and Asters, Antirrhinums, Petunias, Sweet Peas, Wall Flowers and Gypsophyllas among the cold weather annuals, were very much admired and appreciated ; particularly the wall flowers and gypsophyllas, which were for the first time planted in the Gardens. The plain lawn which existed near the Clock Tower, has been turned into a carpet bed and this has completely changed the aspect of the Garden near the entrance, rendering the place beautiful and attractive. During the year under report, the Coroupita Guianensis—the Connon Ball Tree—one of the most beautiful ornamental trees with flowers resembling Lord Siva of Hindu mythology, has for the first time fruited in the Garden. A choice collection of rare and valuable plants were sent this year to the 2nd Agriculture Exhibition held in November at Ahmedabad, which attracted considerable attention in the show, and it will be pleasing to note that a Silver Medal and 1st Class Certificate of merit were presented to the Victoria Gardens for the best Chikoo Plant exhibited in the whole show.

12. The number of visitors in the Victoria Gardens during the year under report was 23,21,244 as against 23,25,223, showing a decrease of 3,979. This is due to the Mill Strikes and communal disturbances, which took place in Bombay in the month of February and the Gardens had to be kept closed to the Public from 8th February to 29th February owing to the Cheshire Regiment being called up from Poona and the 9th Jat Regiment from Santa Cruz by the Government of Bombay and were encamped in the Gardens during the riot days.

13. During the year under report, the newly revised Bye-laws were sanctioned by the Government, and the Police Commissioner was pleased to grant temporary Sanads to certain Garden Officials tenable upto 31st December 1929 under Section 9 (2) (a & b) of the City of Bombay Police Act, 1902, for the purpose of enforcing the Bye-laws under Clause (v) of Section 461 of the City of Bombay Municipal Act 3 of 1888.

14. The Superintendent, during the year under report, visited Calcutta and Darjeeling in the months of February and March and purchased and brought on exchange a fine collection of rare plants which have been added to our collection. A group of rare plants including cactus and orchids was presented by Mr. Leslie, the Curator of the Royal Botanical Gardens, Darjeeling, and our best thanks are due to this gentleman. Business relationship was further established with the famous Royal Botanical Gardens at Sibpur, Calcutta; Royal Botanical Gardens at Darjeeling and Agri-Horticultural Society's Gardens at Alipur, Calcutta; and plants selected on exchange from the two latter Gardens are expected to arrive in the month of June next just about the beginning of the monsoon. The number of new plants added to our collection was 72. Seeds and plants were received in exchange from Government Botanical Gardens, Lal-baugh, Bangalore; Royal Botanic Gardens, Pardeniya, Ceylon; State Gardens, Baroda and Bansda; College of Agriculture, Poona; and from Mr. Bhilladwalla, Pardi in Surat District. Seeds and plants were purchased from Nurjehan Nursery, Culcutta; Messrs. Gurrappa and Sons, Bangalore; Fruit Supplying Co., Quetta; Mr. Andrew Murphy, Australia and Bulbous Plants from Messrs. Byvoet Brothers, Holland.

15. All the usual major and minor repairs to Cages and Buildings were carried out during the year. These included thorough repairs to the roof of the Lion House, where there were large cracks in the ceiling and the animals on this account were subjected to considerable hardship during the rains. The cost of repairs estimated at Rs. 1,120 and this work is almost completed now. The front portion of the Fernery in the Gardens near the Office was renovated at a cost of Rs. 2,623 from the grant specially provided for the purpose.

The rear portion of this Fernery will be taken up next year. The roof of the Refreshment Room in the Victoria Gardens, which was in a very dilapidated condition, was thoroughly over-hauled at a cost of Rs. 575 and oil painting was done to the whole building at a cost of Rs. 247. New Turnstiles to the entrance gate were fixed, as the old ones had become out of order and beyond repairs, at a cost of Rs. 640. The whole ornamental iron and teak wood railing of the Victoria Gardens in front abutting on Parel Road was oil painted at a cost of Rs. 478. An iron railing was provided round the open enclosure for the Elephant in the Garden so as to prevent the Visitors from getting too near the animal when kept free in it.

16. Many of our Cages have been constructed over 25 to 30 years ago and now require in some cases heavy repairs; particularly in case of the Tiger Cage and the Bhawanagar Cage for the small carnivora, wherein the doors and iron bars have become rusty and the roofs are in need of urgent repairs. These and several repairs to other cages will require funds and sufficient amount must be provided to meet the heavy cost. Some of our Cages such as Lion and Tiger Houses, the Bear Cage, the Aviary, the Game Birds' Cage and the Aquatic Birds' Cage are not only unique in their design but they are the best of their kind in the whole of India; so that several Zoological Gardens like Banglore, Karachi, Nagpur, Baroda and Rangoon, &c., applied for the plans and photos of these cages and some of them have constructed cages of the same design. As I am writing this report, I am requested by the Zoological Authorities of Maharajah Baugh Garden Zoo, Nagpur, to send them the plans and designs of the Bear Cage of our Victoria Gardens. Our Operation Cage for operating on the large carnivora in our Garden infirmary is a unique of its kind, which I did not even see in the Calcutta Zoological Gardens, and it may be mentioned that its plans and designs were supplied so far back as three months ago to the Baroda and Dharampore State Gardens; while the Superintendent of the Lawrence Gardens at Lahore, who met me in Calcutta in the month of February requested me to send him the plans and designs of this Cage. Our Gardens have been very successful in the breeding and rearing and management of the large Carnivora and our advice in this respect was freely sought this year by the Jaipur and Jodhpur State Gardens and by the Allahabad Municipality.

17. A Plan of the Garden showing the lay out and the allotment of sites for the different sections of the Zoo of the Victoria Gardens was supplied this year to the Allahabad Municipality in connection with a proposal to establish a Zoo there.

18. Improvements Grants were provided some years ago from which all the present cages and enclosures were built. These were discontinued until two years ago a grant of Rs. 20,000 was provided for further improvements out of which it was proposed to construct a Bandstand in the Victoria Gardens; but as the plans were not received in time from the Executive Engineer, the grants lapsed in the year 1926-1927. A proposal for its construction was made in this year's Budget as recommended by the Markets and Gardens Committee but the Corporation did not see their way to sanction any funds and it is very much regretted that the Improvement Grant has been discontinued this year.

19. A grant of Rs. 1,500 is provided every year in the Budget for repairing roads in the Victoria Gardens but this amount, taking into consideration the present cost of labour and materials, is quite inadequate. Many of the roads in the Gardens are in very bad state and need urgent repairs; and unless this grant is increased, it will not be possible to put them all in good order. It is pleasing, however, to note that the Corporation has sanctioned a special Grant of Rs. 3,367 in the next year's Budget, which sum alone will be utilized for surface dressing the main road in the central avenue, running from turnstile to central circle in the Gardens. I would therefore request the Corporation to either increase the annual grant or make special provision from year to year so that all the roads would be taken up and put in perfect order in a very short time.

20. The Elephant Rides were continued to be given as before though they were allowed to a very limited extent owing to the old age and sore foot of the animal, an old complaint from which she suffered off and on. The total receipts were however Rs. 248 as against Rs. 290 in the previous year. There were few Camel Rides during the year under report as the animal was sick and died in the month of December. It is very pleasing to record that H. H. The Mir Saheb of Khairpur, Sindh, has so graciously presented a Camel from his State to the Gardens and the animal is expected to arrive early next year. Our best thanks are due to His Highness for his kind present. The total receipts, however, from Camel Rides were Rs. 72.

21. The usual band performances and concerts of Indian Music were given at the several places under our charge. There were 21 performances at the Victoria Gardens; 21 at the Chowpatty Bandstand; 45 at the Esplanade Bandstand; 13 at the Sir P. M. Mehta Gardens, Malabar Hill; 7 at the King's Circle Garden, Matunga and 3 at the Dadar Parsi Colony. There were 7 Concerts of Indian Music at the Victoria Gardens; 6 at the Chowpatty Bandstand; 5 at the Sir P. M. Mehta Gardens, Malabar Hill; and 3 at the Damodar Thakersey Hall. No Wireless Concerts were arranged this year; but two concerts were given as demonstrations free of charge by the Indian Estates and Eastern Agency Ltd.. at the King's Circle Gardens, Matunga, and three by the Star Radio Co., *viz*: 1, Esplanade Bandstand; 1, Victoria Gardens and 1, Chowpatty Bandstand.

22. The following are amongst the animals presented to the Gardens during the year for which our best thanks are due to the donors :—

1 Leopard cub by Capt. Morrison ; 1 Leopard by Khan Saheb Dossabhoy H. Bhiwandiwalla; 1 Spotted Deer, 5 Rhesus Monkeys, 53 Assorted Pigeons, 1 Himalayan Bulbul and 8 Munia by the Secretary, Bombay Panjrapole; 1 Nilgai by Mr. N. M. Goculdas; 2 Spotted Deer by Mr. Ismail Dada Haji Issak ; 1 Indian Sloth Bear by Mr. Bassario of Allahabad ; 1 Nilgai by Mr. Slyn ; 2 Lynx by Messrs. Cawasji Dinshaw Brothers of Aden ; 1 Indian Antelope by Mr. D. N. Kelkar ; 1 Indian Antelope by Mr. Doctor ; 3 Fan-tailed Pigeons by Mrs. Avantikabai Gokhale ; 1 Leopard by H. H. The Maharajah Saheb Bahadur of Dewas State, Senior ; 4 Indian Antelopes, 3 by Mr. J. D. Buxy and 1 by Mr. Narielwalla.

23. The following animals were born in the Gardens during the year :—

4 Indian Antelopes, 3 Black-headed Ibis, 2 Sambars, 1 Lion cub, 4 Spotted Deer, 2 Four-horned Antelopes, 1 Spotted Billed Duck.

24. The following were among the animals purchased during the year :—

4 Kalij Pheasants, 3 Indian Crimson Tragopan, 1 Indian Lynx or Caracal, 4 Love Birds, 4 Red-whiskered Bulbul, 4 Black Himalayan Bulbul, 8 Goldian Finches, 2 Gold Pheasants, 3 Silver Pheasants, 4 Brahminy Ducks, 1 Nilgai male calf, 4 Bar-headed Geese, 2 Red-headed Pochards, 3 Grey Lag Goose, 3 Shelldrakes, 2 Black-necked Storks, 1 Nepalese Myna, 1 Five-coloured Lory, 4 Hanging Parakeets, 2 Mallard Ducks, 4 Himalayan Monaul Pheasants, 4 Chakor Partridges.

For years past, the Grant for the Purchase of Animals was Rs. 3,000 which in itself was inadequate, but since the last three years, it has been reduced, instead of increasing it, to Rs. 2,000 and it is practically impossible to purchase any rare specimens and barely sufficies to keep up and replenish the present stock of animals of the cheaper and commoner kinds. I have been appealing for the last three years to increase this grant and I earnestly trust that the Corporation will be pleased to grant the increase.

25. During the year under report, two Four-horned Antelopes and three Indian Antelopes were sold for Rs. 150, the former to H. H. the Maharao of Cutch and the latter to Sir David Ezra, Kt., C.I.E., of Calcutta. But a large amount of business was done on exchange account with Mr. Rogers of Liverpool, stock amounting to about Rs. 1,100. The animals received in exchange from him are :—

2 Crowned Cranes, 2 Callatrix Monkeys, 2 Sooty Mangaby, 1 Mandrill, 2 Mona Monkeys and 2 Weeper Chapuchine for 2 Leopards, 2 Indian Striped Hyenas, 1 Sloth Bear, 8 Bonnet Monkeys, 1 Hog Deer, 1 Sambar Deer, 1 Pair Four-horned Antelope.

26. Among t the animals that died during the year :—

1 Koklas Pheasant, 1 Black-headed Ibis, 1 Brahminy Duck, 1 Bar-headed Goose, 1 Fire-back Pheasant, 1 Love Bird yellow and 1 Crested Dove died suddenly. 1 Gold Pheasant died, being weak. 1 Sambar young died of Broncho Pneumonia. 1 Leopard was destroyed for Cage Paralysis. 1 Dingo died suspicious of Rabies. 1 Baboon Monkey died of Tuberculosis. 1 Cassowary died of old age and Gastro Enterites. 1 Sambar Deer died of Parturient fever. 1 Indian Gazelle died of Abscess in the Thoracic Cavity. 1 Indian Gazelle died of Meningites. 1 Spotted Deer died of old age and general debility. 1 Arabian Lynx died of Colitis, 1 Camel died of Hepatic disease and Fatty degeneration of Heart. 1 Lion cub (three months old) died of severe Gastro Intestinal form of Distemper. 1 Binturong died of old age and Fatty degeneration of Heart and Liver. 1 Black-tailed Wallaby died of Gangrene tail. 1 Rib-faced Deer died of old age. 1 Grey Lag Goose died of Fowl Cholera, 1 Black Stork, 1 Sambar and 1 Painted Stork died of accidents and injuries. 1 Fire-back Pheasant, Baboon Monkey and 1 Pea-fowl Burmese died of Fatty degeneration of Heart and Liver. 1 Pin-tailed Duck died of Coccygeal Adenitis. 1 Baboon Arabian, 2 Pokrass Pheasants, 1 Sambar young, 1 Otter Indian, 1 Baboon Monkey, 1 Sloth Bear, 1 Malbrouck Monkey and 1 Monaul Pheasant died of causes which could not be ascertained on post-mortem examination at the Haffkine Institute.

27. There was no out-break of any kind of infectious disease during the year under report. All the Aquatic and other Birds newly admitted to the Gardens are inoculated as a routine with Fowl Cholera Vaccine which is so kindly supplied gratis by the Haffkine Institute as Prophylactic. Our usual thanks are due to the Director and the Staff of the Haffkine Institute for their kindness in making post-mortem and bacteriological examinations of most of our animals sent to them, and also to the British India Steam Navigation and Peninsular and Oriental Companies for giving us free transport facilities both for plants and animals and to the B. B. & C. I. Railway Company, for carrying some of our animals at concession rates. It is very unfortunate that the same co-operation is not extended to us by the G. I. P. Railway Company, which they used to give until recently. I am sanguine if those members of the Corporation who are on the Railway Advisory Committee approach the Government and the Railways and exert their influence for giving these Gardens free transport facilities, we shall be able to secure the same co-operation and assistance of the Railways as is the case with the Calcutta and Lahore Zoological Gardens.

28. A well equipped and up-to-date Library containing books on Botany, Horticulture, Zoology and Veterinary Literature is maintained by the Department. Also the latest Magazines and Journals on all the above-mentioned subjects are contributed to every year.

29. During the year under report, my contribution on "The use of Anti-Plague Vaccine as a Prophylactic amongst Primates in the Victoria Gardens" appeared in the London Veterinary Journal, a leading Veterinary Magazine in Great Britain, which is edited by Mr. Fredrick Hobday, C.M.G., F.R.C.V.S., F.R.S.E., Principal of the Royal College of Veterinary Surgeons, London. It was in connection with my work and the satisfactory results obtained from using the Human Plague Vaccine for the first time in the Gardens as a Prophylactic, which saved the whole valuable stock of Monkeys, both indigenous and foreign during the out-break of Plague in the year 1925 amongst them. Valuable statistics of the various types of animals having died of Plague in the Zoo from the year 1905 onwards were supplied to Dr. B. P. B. Naidu, M.D., Plague Research Officer of the Haffkine Institute, for his valuable paper on Plague which he read at the Science Congress held in Madras in the month of January. In the same Veterinary Magazine a Clinical Article from me was published on "Chylous Ascites" in an African Leopard showing the Pathological aspects of the disease in the wild carnivora.

30. Amongst the important personages who visited the Gardens, mention may be made of H. H. The Maharajah of Sarangarh, C. P., and H. H. the Maharajah Major-General

Gangasing Bahadur of Bikaner with Sir Philip Egerton, Bart. Both the Maharajahs purchased plants worth quite a lot. The Dowager Maharani of Gwalior with her suite visited the Gardens; so also the Maharajah Kumar and the Princess of Bikaner.

31. Last but not the least may be mentioned the National Baby and Health Exhibition which was held in the Gardens in the month of March. The site allotted was in the South-West corner near the big aviary and the Exhibition lasted for a week. Both H. E. The Governor and H. E. Lady Sykes visited the Gardens on the opening day of the Exhibition and on the last day H. E. Lady Sykes distributed the prizes to the successful babies. Large crowds of people visited the Gardens and the show grounds during the Baby-Week; and being located centrally as the Victoria Gardens, the Exhibition was a huge success.

32. The Budgetted grants and the actual expenditure of the various Gardens and Playgrounds during the year under report were as follows :—

Name of Garden.	Budget Grants.	Expenditure.	
	Rs. a. p.	Rs. a. p.	
		1,20,947 0 7	Actually spent.
		10,429 2 4	Liabilities incurred.
(*a*) Victoria Gardens	1,36,797 7 0	1,31,376 2 11	
		37,442 12 4	Actually spent.
		1,762 2 9	Liabilities incurred.
(*b*) Miscellaneous Gardens, Open Spaces and Bandstands, &c.	43,808 15 0	39,204 15 1	
		14,766 1 4	Actually spent.
		562 5 0	Liabilities incurred.
B.—New Gardens, Recreation Grounds, &c.	18,964 11 0	15,328 6 4	
		3,493 9 8	Actually spent.
		593 13 4	Liabilities incurred.
New Works ...	4,356 9 0	4,087 7 0	
Total Rs. ...	2,03,927 10 0	1,89,996 15 4	

33. I cannot conclude this report without expressing my thanks to all my Assistants and Staff for the assistance and co-operation they have given me from time to time.

I have the honour to be,

Sir,

Your most obedient servant,

D. S. LAUD,

Superintendent, Municipal Gardens.

VICTORIA AND ALBERT MUSEUM.

REPORT OF THE CURATOR AND SECRETARY, VICTORIA AND ALBERT MUSEUM, RECEIVED UNDER HIS No. C.M./71 OF 1929-1930, DATED 22ND MAY 1929.

SIR,

The year which ended on the 31st of March last was an unfortunate one in the annals of the history of the Museum. It opened with no evil forebodings. The number of visitors was on the increase, and things promised to look bright, when in the month of June last, the galleries where the Industrial and Ethnological collections were exhibited, had to be suddenly closed to the public, as portions of the roof over these parts of the building were seen to be in a very dangerous condition, and when inspected by the Executive Engineer's Department were declared to be unsafe and in need of very urgent repairs. Proposals to carry out the necessary repairs were accordingly submitted to the Corporation with a request to provide funds, and it was arranged to begin the work of renovating the roof from the month of February last. Suddenly there was the out-break of the riots in the city, and the Museum building was occupied by the Military then stationed in Bombay, with the result that the contractors had to suspend work till such time as the building was vacated. This took place in the month of March last, since when the work is being rapidly pushed on.

The Agricultural Section.

A beginning was already made in the year 1927-1928 to collect specimens of agricultural interest to replace the Natural History collection. Good progress was made during the year and the collection had begun to attract crowds of visitors; particularly the pictorial show cases in which are shown scenic representations of agricultural operations in fields or some scene taken from the lives of the agriculturists. Experience has shown that a pictorial representation of a given scene appeals more to the eye and conveys instruction more quickly than a mere scientific arrangement of specimens in a Museum strikingly in the case of the class of visitors who visit our Museum, and encouraged by the reception which cases of this type received from the public, it was decided to make a series of cases of this kind. The following new cases were made during the course of the year under report.

A case to illustrate pictorially the life of Gowlees. No article of human consumption finds more favour with the Indians than milk, and the cow—the chief source from which milk is obtained is very closely associated with their life. It was therefore thought that the treatment of a subject dealing with the production of milk was a fitting one, and would prove very interesting. The class of people, who deal mostly in milk in India, are called Gowlees, and fromvery early times, it is interesting to note that they have not materially changed their mode of life. An attempt is made in this case to give an idea of the life of these people. For this purpose a portion of a village is modelled with small huts of the class as are usually built by these people, and small models in clay of men, women, children representing these people and their cattle are made with the other paraphernalia which they use daily for the purpose of their vocation. In another case we have tried to show the advantages of using agricultural implements of improved type. For this purpose small models were obtained from Messrs. Kirlosker Bros., and these with models of farmers and cattle are exhibited in the case to show how these are worked and where the advantage lies in the use of improved implements, and their superiority over those made in the primitive style. Similarly we have also tried to show in a separate case what improvements it is possible to make in the methods of stacking corn, hay, and other agricultural products, of preserving fodder by the construction of a silo, and of protecting crops against the ravages made by animals. To complete the picture, these cases are backed by suitably painted back-grounds.

The Old Bombay Room.

Opportunity was taken to make the collection of the Old Bombay Room more comprehensive, and for this purpose some photographs of views of Bombay were taken from old books and records in the possession of the Bombay Branch of the Royal Asiatic Society. Old sites in the city were photographed, as these may soon disappear on account of development work. The number of copies of photographs taken from old books and records is 86, and the number of places photographed is 54.

As it was seen that some photographs in our collection had begun to fade it was decided to take copies of them with a view to make a sort of permanent record in the Museum. The negatives taken have been carefully stored, and the prints are mounted in an album. The number of photographs taken is 124.

A collection of photographs of the people in Bombay, who played a prominent part in the early history of the Island and in the development of the city in social, political, religious and educational activities was already begun about ten years ago, but owing to other work intervening, it had to be kept back. This was now taken in hand again, and with a view to secure as large a collection as possible, an appeal was made to the present surviving members of their families, or to the authorities of public Institutions, which contained such photographs requesting permission to take copies of photographs in their possession. Thanks to these people, the request was readily complied with, and we were able to make a collection of 182 photographs of different men. These photographs will be exhibited in specially made frames with a short descriptive note on their life work and it is hoped that this collection will be very valuable and interesting. A collection of photographs of the different statues put up in the city is made, numbering 51.

Two relief maps of the Island of Bombay made about the year 1914 left much room for improvement, and it was therefore decided to replace them by making new ones. These are now made, one relating to the topographical condition of the Island between 1200 A.D. to 1662 A.D. that is the period when the seven islands were under the sway of the Hindu, Mohamedan and Portuguese Kings ; and the other, when the islands had passed into the hands of the British embracing a period of a hundred years from 1700 A.D. to 1800 A.D.

Museum Library.

The following books were purchased for the Library :

History of the Prarthana Samaj, Manners and Customs of the Arabs, Five old Hindu Puranas, Cambridge History of India Vol. III, Women of India, India pictorial, Life of Malbari, Dynasties of the Kali Age, Life of Lord Curzon, Bombay Industries, Light of Asia, Origin of the Buddha Image, Grandeur that of Rome, Grandeur that was of Greece, Leaves from a Viceroy's Note book, How to judge a Nativity, Study of Palmistry, Bhagvad Gita by Rele, Kundalini by Rele and others.

Total Number of Visitors.

The museum was open to the public for 259 days during the ten months of the year under report. The number of visitors during the time was 773,079 thus giving a daily average of 2,985.

I have the honour to be,
Sir,
Your most obedient servant,

ERNEST R. FERN,
Curator and Secretary.

No. M.C./2/A of 1929-30

Bombay, 28*th June* 1929.

From

The CHIEF STOREKEEPER,

Bombay Municipality,

To

The MUNICIPAL COMMISSIONER

for the City of Bombay.

Sir,

I have the honour to submit my Annual Report of the working of the Stores Department for the year ended 31st March 1929. Throughout the year I was in charge of the Department. The Municipal Corporation were pleased to revise the grade of the post of Storekeeper fixing the salary of the post at Rs. 400-25-600. It is hoped that this improvement in the status and pay of the Storekeeper will be followed up by further improvement so as to put the appointment on the same footing of equality with similar appointments carrying similar responsibilities under the control of the other Public Bodies and Railways.

Purchases.

Purchase Rates.—The trade depression continued during the year under report with the consequent further slump in the prices of the stores purchased by the Municipality during the period.

Orders for Purchases:—About 4,772 orders for the purchase of stores were placed with the contractors and other dealers and the value of stores purchased during the year including that of the second hand articles returned by departments amounted to Rs. 10·27 lakhs in the aggregate against Rs. 9·63 lakhs in the preceding year, *i.e.*, about Rs. 64,000 more than in the preceding year. The increase is partly due to the return of 12" and 27" second hand pipes to the Stores by the Hydraulic Engineer's Department valued at Rs. 46,000 and partly due to more quantity of cement being purchased during 1928-29 than what was purchased in the preceding year.

Indian made articles.—Efforts were continued to be made to encourage the Indian industries by giving preference to Indian made articles over foreign goods whenever the former were procurable at reasonable rates and of fairly good quality. In the past Cast iron fittings of large sizes were imported from continental and British firms outside India through their representatives or agents in Bombay. This is being gradually discontinued. Orders for the supply of castings of very large dimensions were also placed with the local manufacturers. S. P. Hydrants which were purchased of foreign manufacture are now purchased from Messrs. Richardson and Cruddas who have commenced to manufacture them in India. A large quantity of C. I. Pipes was purchased from the Bengal Iron and Coal Co. (through their agents) who manufacture them in India instead of continental pipes and pipes made in British Dominions outside India.

The value of C. I. Pipes and special castings, &c., purchased for the Water Works Department excepting Sluice valves, Air valves, &c., which are not procurable locally was Rs. 4 lakhs approximately. These were mostly of Indian manufacture. The articles for Drainage works such as cement, &c., purchased during the last year cost us Rs. 2 lakhs approximately. These were all of Indian manufacture. Clothing and monsoon requirements excepting Waterproof coats costing about Rs. 60,000 were all of Indian manufacture. Miscellaneous articles such as country oils and Ropes costing about Rs. 40,000 were also of Indian manufacture. Country brushes, Brooms, Baskets, Brooms Goa, &c., costing about Rs. 35,000 were of Indian manufacture. The articles such as Meters and Meter parts, Hose, Waterproof coats, Rubber sheets Europe, Sluice valves, Air valves and some Hardware stores costing about Rs. 2 lakhs only were of foreign manufacture.

Owing to very keen competition amongst the Iron founders locally made small iron castings could be purchased at the rate of Rs. 7-8-0 per cwt. against Rs. 11-8-0 in the previous year.

Hose.—In deciding the tenders for the supply of Hose special consideration was given to the quality of the hose offered and the price alone was not considered the deciding factor. Our past experience shows that the life of the inferior quality of Hose obtainable at the rate of about annas 12 per foot is about 12 to 15 days whereas that of the superior quality of hose obtainable at a slightly higher rate extends over 3 weeks. The annual consumption of the latter type of hose is consequently much less than of the former type. A fair trial is however being given to Indian made hose obtainable at about annas 8 per foot. Another advantage secured by the use of superior type of hose is that much saving is effected in time and labour involved in frequently transferring couplings from the worn out pieces to new ones which we have to do in the case of inferior type of hose.

Jarrahwood :—The purchase of Jarrahwood for the use of our Workshops in lieu of Benteak was made on a more extensive scale. The substitution of Jarrahwood for Benteak has proved advantageous from economical point of view as was anticipated.

Stores schedules :—Stores schedules were further sub-divided with a view to encouraging stockists of certain kinds of goods to submit competitive tenders for the particular articles in which they were dealing.

Tenders :—As usual the tenderers were asked to be present at the time of opening the tenders to see the rates of other tenderers. The work of inviting tenders for annual supplies and accepting the favourable tenders with the sanction of the proper authorities concerned was completed by the beginning of April and written contracts were executed in almost all cases by the end of May.

Contracts :—Altogether 32 contracts were entered into for the supply of stores during the year of report, the amounts involved in which exceeded Rs. 5,000 in each case as detailed below :—

		Rs.
Contract for the supply of	Baskets cane and cane	13,042
,, ,, ,,	Brooms, Goa	8,700
,, ,, ,,	Charcoal and firewood...	6,519
,, ,, ,,	Miscellaneous stores, special items ...	5,318
,, ,, ,,	Oil castor, cocoanut and sweet ...	5,550
,, ,, ,,	Oil kerosine	19,119
,, ,, ,,	Oil Motor (Light crank case)... ...	6,015
,, ,, ,,	Pesterine	11,600
,, ,, ,,	Rope coir and Rubber hand	5,473
,, ,, ,,	Salt, soap and soda	8,430
,, ,, ,,	Tyres, solid band	12,170
,, ,, ,,	,, ,, giant	42,060
,, ,, ,,	Cotton waste	8,450
,, ,, ,,	C. I. Closable gratings	9,200
,, ,, ,,	Iron castings, special (W.W.) ...	7,327
,, ,, ,,	,, ,, Drainage articles ..	22,894
,, ,, ,,	Iron castings	7,582
,, ,, ,,	Timber (country teak)	5,615
,, ,, ,,	,, (teakwood, Moulmein) ...	15,857
,, ,, ,,	,, Miscellaneous	24,304
,, ,, ,,	Clothing to peons and others... ..	6,192
,, ,, ,,	,, (Boots and Putties) ...	5,807
,, ,, ,,	Blankets or Cumblees	6,615
,, ,, ,,	Ferrules, cocks, taps, &c.	5,246
,, ,, ,,	Lead pig	11,654
,, ,, ,,	Hose canvas	27,188
,, ,, ,,	Disinfectants	20,125
,, ,, ,,	6" C. I. Pipes	16,021
,, ,, ,,	C. I. Underground Hydrants ...	5,000
,, ,, ,,	,, Split collars	7,884
,, ,, ,,	Hose flaxen canvas	17,188
,, ,, ,,	C. I. Stand Post Hydrants	11,500

Replenishment:—The same system for replenishment of stores which is illustrated in my last report was adopted during the year of report, *i.e.*, the stores were replenished from time to time as the necessity of doing so arose instead of being exclusively guided by the figures given in the elaborate lists prepared by the Heads of Departments which in many cases contained proposals for the replenishment of stores far in advance of their actual requirements. This has resulted in a further reduction in the balance of the quantities and the value of stores, and the balance stood at Rs. 8,95,557 against Rs. 9,10,239 at the end of the preceding year. In this connection it may be observed that the limit upto which reduction should be appropriately made consistent with efficient working of the consuming departments is now reached, and it would not be safe to take the risk of making any further reductions in the balance of our reserve stores without causing delays in the execution of the Capital and Revenue works.

Issues on indents. Sales, &c.

Indents:—During the year under report about 48,000 transactions relating to the issue of stores were posted in the ledgers against 33,700 in round figures in the preceding year. To expedite compliance with indents in several cases, rates of unscheduled items of stores and such of the articles which are not stocked were settled through 'phone and 'phone orders were placed with the dealers several orders for forward delivery were placed in cases of articles which were not procurable locally. The book rates were maintained as near as the schedule or the market rates.

Sales:—The issue rates of articles sold to the works contractors as required under the terms of the Municipal Works Contracts were carefully revised with the result that the contractors were enable to purchase stores from us such as Iron Castings, Cement, etc., at favourable rates. This induced them to undertake Municipal works at proportionately reduced rates. The Dust Bins (which the House Owners are required to maintain on their premises as required by the Municipal Act) were supplied by the Stores Department to them at much less cost than they are obtainable in the market. The advantage thus offered was availed of by a large number of the House Owners as is evidenced by the fact that about 1,370 Dust Bins were sold during the year to the public.

Unserviceable stores:—With the exception of Brass and Iron Scrap all unserviceable stores were disposed of at the annual auction sale. Before putting up to auction sale certain articles which were fit for further use, circulars were issued to Heads of Departments asking them to state whether they would utilize them for Municipal purposes if issued at very low rate. The opportunity thus offered was availed of by the Heads of Departments in certain cases. Similarly a fairly large quantity of Brass and Copper Scrap received on R. S. Memos from the Heads of Departments was reserved for issue to the Municipal Workshops instead of putting it up to auction sale and purchasing the scrap required for Municipal purposes from elsewhere at comparatively high rates.

As was done last year the Cast Iron Scrap received on R. S. Memos was disposed of by inviting private offers from time to time instead of putting it up to the Annual Auction Sale. By this method of disposing of the scrap a sum of Rs. 6,860 in the aggregate was realized as sale proceeds—a result which would not have been attained if the old method of disposing of the scrap by Annual Auction Sale were continued as it is not unusual for the bidders to combine to bring down the amounts of bids at auction sales.

A big lot of unserviceable Meters for which an offer of Rs. 1,500 was received and rejected about 4 years ago was broken into pieces and the Cast Iron Scrap and Brass Scrap recovered therefrom were sold separately which realized in the aggregate Rs. 3,500 including the value of Brass Scrap thus recovered and utilized for Municipal Works. Previously the amount of sale proceeds of Cast Iron and Brass Scrap received on R. S. Memos from the different Departments was credited to a Revenue Head. This practice has now been discontinued and a new procedure has been introduced which enables us to credit the amount to the grant for the work from which the scrap is recovered.

Empty oil drums and other such empties were previously sold by Annual Auction Sale in a lot and bids secured were very poor. Such empties are now sold direct to the dealers in empties almost every month and the amount thereby realized on each occasion comes to about Rs. 60 to Rs. 100.

Financial :—The accounts of the Stores transaction were maintained fairly up to date and all returns were sent to the Chief Accountant on due dates. Further savings were effected in the establishment charges of the Department by abolishing two of the posts on the clerical staff and these charges worked out to less than 5 per cent. of the total turnover. The total value of the General and Special stores available for issue during the year of report was Rs. 19,38,532 and that of the stores issued was Rs. 10,42,975 leaving a balance of Rs. 8,95,557 at the end of the year.

Verification :—The departmental verification of the Stores was conducted throughout the year and the result was found satisfactory. The work of outside verification which was entrusted to Mr. K. N. Pagdiwalla, B. Com., G.D.A., A.S.AA., F.C.C.S., Incorporated Accountant, London, in 1927-28 was completed at the end of July 1928. Altogether 5,381 items were verified. Of these 4,848 items gave correct results and the net final results on completion of the work was an excess of Rs. 1,436.

The Corporation have since decided that the stores should be verified from time to time by the Chief Accountant's Department instead of entrusting the work to an outsider.

Building and structures, etc. :—The roof of the oil godown was repaired and strengthened. Extra racks and cupboards were provided for keeping the stock of Electric fittings, Motor fittings and Meter parts separatley from other articles. The work of providing an underground tank for the storage of Pesterine to prevent wastage is under construction.

General :—A depot at Mahim for the stocking of Storm Water Pipes. etc., was created for facilitating the work of the Municipal Development Department. As it was found that the necessity for maintaining this depot no longer existed, the same was closed down and the articles were transferred to the Bellasis Bridge Pipe Depot.

During the year serious communal riots broke out. During this time the requisition were made on the Stores Department night and day for the supply of Bandage cloth, Dressing cloth and other articles required by the Municipal Hospitals for dressing the wounded and also by the Mechanical Engineer for Motor parts required for reparing damaged ambulances. These demands were promptly met. In the beginning of the riots the rioters at Bhendi Bazar assaulted two cart drivers who were carrying the Municipal Stores in their carts comprising Heavy Engine Oils, Cotton waste, Kerosine oil tins, etc., which were being transported to Colaba Compressor Station *via* Bhendy Bazar. One of the cartmen fled and the other was seriously injured. The carts were set on fire and all the articles except barrels containing Heavy Engine Oil were burnt to ashes. The barrels were subsequently recovered with great difficulty and at great risk to the life of the subordinate who was deputed for the purpose. The value of the articles destroyed was written off through statement "Q."

In conclusion I take this opportunity to put on record my thanks to the Assistant Storekeeper and the staff for their assistance and devotion to duty.

I have the honour to be,

Sir,

Your most obedient servant,

D. E. MAVJI,
Chief Storekeeper.

APPENDIX "A."

Particulars.	General Stores.	Line Suspense Stores.	Capital Stores.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Value of Stores on hand on 1st April 1928	4,62,907 4 4	83,786 5 10	3,63,935 6 0	9,10,629 0 2
Value of Stores receipts including transfers during 1928-29.	6,81,719 0 7	.....	3,46,184 6 7	10,27,903 7 2
Total ...	11,44,626 4 11	83,786 5 10	7,10,119 12 7	19,38,532 7 4
Less—				
Value of Stores issues including transfers during 1928-29	6,67,772 15 10	1,604 12 0	3,73,597 0 7	10,42,974 12 5
Total ...	4,76,853 5 1	82,181 9 10	3,36,522 12 0	8,95,557 10 11

D. E. MAVJI,

Chief Storekeeper.

LICENSE DEPARTMENT

No. L./5/A of 6th June 1929.

FROM

THE SUPERINTENDENT OF LICENSES,

To

THE MUNICIPAL COMMISSIONER

FOR THE CITY OF BOMBAY.

SIR,

I have the honour to submit my Annual Report on the working of the License Department during the year 1928-29.

2. I was in charge of the Department during the year.

3. *Licenses under Section* 394 *and Permits under Section* 390.—The total number of licenses under Section 394 and of permits under Section 390 of the City of Bombay Municipal Act issued and the total amount of fees collected in respect of them in the year under report are shown below with the corresponding figures for the preceding two years :—

Year	No. of Licenses Issued.	Amount of Fees.	No. of Permits Issued.	Amount of Fees.
		Rs. a. p.		Rs. a. p.
1928-29 ...	14,145	1,24,092 10 0	215	5,375 0 0
1927-28 ...	13,990	1,20,267 2 0	230	5,750 0 0
1926-27 ..	13,295	1,21,289 0 0	260	6,500 0 0

Compared with 1927-28, the number of permits issued dropped by 15 and the receipts by Rs. 375. The number of licenses issued rose by 155 and the total revenue from them by Rs. 3,825-8-0. The larger differences in regard to the number of licenses issued for the various trades are shown below :—

Trade.	Decrease or Increase in the number of licenses issued.
Bakeries	+ 9
Bidi-leaves	— 36
Carbide of Calcium, retail	— 10
Charcoal	— 45
Dyeing in indigo or other colours H. P.	+ 11
Firewood, retail	— 23
,, wholesale	— 61
Ghee, keeping under Section 412-A	+100
Gunny bags	— 45
Hair dressing saloons	+ 24
Matches, retail	31
,, wholesale	+ 7

Methylated spirit	+ 8
Noisy trades	+ 24
Oil (keeping)	— 35
Oil (manufacturing)	+ 10
Permits under Section 390	— 15
Soap manufacturing	+ 6
Stables for horses	— 6
,, bullocks	— 9
Timber	—114
Sweetmeat (manufacturing and keeping)	+ 12

4. The license fees outstanding on 31st March 1929 amounted to Rs. 2,105-8-0 in respect of 264 licenses as against Rs. 1,349 in respect of 226 licenses on 31st March 1928. Miscellaneous receipts amounted to Rs. 927-10-0 against Rs. 1,215-10-0 in the preceding year. License fees amounting to Rs. 27 were refunded in respect of 3 cases as against Rs. 364 in respect of 30 cases in the preceding year. From 1st April 1928 license fees paid were declared non-refundable but the refund in the aforesaid cases was granted as the fees were in respect of 1927-28. The loss of revenue incidental to the disuse or demolition of old licensed places or their diversion to uses not requiring a license amounted during the year under report to Rs. 10,568-12-0 against Rs. 17,403-10-0 in the preceding year.

5. In no case was any license revoked.

6. Owing to a representation made by the manufacturers of indigenous cigarettes, against certain conditions included in the license, being under the consideration of the Corporation and the Collector of Bombay, the issue of licenses for the trade was suspended after 16th July 1928.

7. The conditions of a license for the working of Ice factories were approved during the year but only one such factory could be granted a license.

8. By Act X of 1928, Schedule M to Section 394 of the Municipal Act was amended by the addition of about two dozen articles. The scale of fees proposed in respect of them by the Municipal Commissioner under Section 479 (2) of the Act is under the consideration of the Revenue and General Purposes Committee along with other proposals for the general revision of the Schedule of fees called for by Corporation Resolution No. 12054 of 27th February 1928.

9. *Permits under Sections* 328 *and* 328*A*.—The total number of permits issued under these Sections for exhibiting sky-signs and advertisements during the year rose to 1,205 from 1,052 in 1927-28; the total income to Rs. 34,163-8-0 from Rs. 33,429-8-0 in the preceding year.

10. With a view to giving relief to the small advertiser, the schedule of fees for the display of advertisements, (except illuminated advertisements and advertisements on moveable boards), was revised with effect from 1st April 1928 and the unit of the advertisement area charged for was reduced from 100 sq. ft. to 25 sq. ft. and the fee therefor from Rs. 5-0-0 to Re. 1-4-0 per month so that an advertisement 25 sq. ft. or less in area which was paying Rs. 5-0-0 per month pays Re. 1-4-0 or 75 per cent. less. The concession of a compounded rate was also introduced from the same date: so that an advertiser pays only 80 per cent. of the fee, if he pays for one full year in advance. This concession is being largely availed of. The effect of these two amendments in the Schedule will be found reflected in the returns which would otherwise have shown a much larger revenue in comparison with previous years.

11. The ground-rent recovered by this Department, along with the advertisement fees, was in former years credited to this Department but since the beginning of the year under report, it is being credited to the Department in charge of the property on which the advertisement is exhibited. Out of Rs. 6,407 recovered as ground-rent in 1928-29, Rs. 5,646-8-0 was credited to the Department of the Special Engineer, Development Works, and Rs. 255 to the Markets Department. This fact has to be taken into consideration in comparing the revenue from advertisement fees during the year with such income in previous years.

12. The total number of permits issued and the total receipts therefrom in 1928-29 are compared below with similar particulars for the preceding three years :—

Particulars.	No. of Permits Issued.				Amount of Fees Recovered.			
	1925-26.	1926-27.	1927-28.	1928-29.	1925-26.	1926-27.	1927-28.	1928-29.
					Rs.	Rs. a.	Rs. a.	Rs. a.
Wall-posters and hoardings.	243	110	329	584	3,190	4,985 0	7,805 0	11,358 8
Moveable boards, handcarts, etc.	328	250	260	303	3,135	4,107 0	5,085 0	5,868 0
Illuminated sky-signs and advertisements.	89	76	211	168	1,482	1,594 0	4,852 0	7,315 8
Non-illuminated sky-signs.	8	36	101	70	720	1,262 0	2,485 0	2,047 8
Do. (kiosks.)	3	5	11	8	4,110	4,542 0	6,077 8	2,703 12
Illuminated (kiosks).	..	..	..	1	..	..	..	15 0
Wall paintings ..	25	38	123	64	2,600	2,925 0	4,955 0	2,862 0
Auctioneers ..	7	6	7	7	700	600 0	700 0	700 0
Ground-rent ..	..	..	..	..	1,487	1,621 4	770 0	505 8
Recoveries for compounding offences.	..	..	..	..	..	..	..	787 12
Total ..	703	521	1,052	1,205	17,424	21,636 4	33,429 8	34,163 8

13. The law contemplates that permission to display advertisements should be obtained in advance; but in actual practice it was found that in a great majority of the cases, such permission was not applied for, so that unscrupulous advertisers had a chance of going undetected altogether and at the most paid in court, when prosecuted, the fees they should have paid in advance. The public were therefore warned through the local English and Vernacular newspapers that from 1st September 1928 prosecutions for offences under Sections 328 and 328A of the Municipal Act would be withdrawn only on receipt of an amount equal to and in addition to the prescribed fee. Where, however, parties agreed to the payment of double fees, they were accepted under Section 517 (1) (*b*) of the Act without filing complaints in the Police Court. As a result of such compounding of the offence, an amount of Rs. 787-12-0 was recovered from advertisers and is shown in the foregoing statement. As a better alternative, the Corporation were requested to fix the scale of fees under Section 479 (2) at double the existing rates in all cases where the advertisement had been exhibited without permission for a period of more than ten days. The Schedule has been amended accordingly (Corporation Resolution No. 1362 of 10th May 1929).

14. *Licenses under Sections* 313 *and* 313*A*.—The total revenue from licenses issued to moving hawkers and to squatters in reserved areas during the year amounted to Rs. 62,989 against Rs. 75,730-8-0 in the preceding year. There were several factors responsible for the decrease of Rs. 12,741 in the income from this source. Six reserved areas within two hundred yards of Municipal or Private Markets, were cancelled in the interests of the stall-holders thereof : three in A Ward, but one of these, namely, Dalal Street, was cancelled as the plot was sold by the Municipality : one in each of B, E and F Wards. The consequent loss of revenue was Rs. 8,497-8-0. The fee for moving hawkers' licenses was reduced from Rs. 2 to Re. 1 from 1st July 1928 and the resulting loss of revenue was Rs. 2,833. Owing to the outbreak of serious riots in the City at the beginning of February 1929, the reserved areas were mostly deserted, and even after actual rioting had ceased, hawking was found carried on on a very attenuated scale for some weeks during the disturbed condition of the City. Further, the license conditions were revised in consultation with the Commissioner of

Police so as to restrict hawking to foodstuffs and a few other specified necessaries of life and to prohibit it in certain areas. These restrictions were brought into effect from 1st February 1929. The riots and the restrictions account for a fall in revenue from hawkers licenses, aggregating Rs 5,012 during the next two months, compared with January 1929. The total loss of revenue due to the reasons given above amounted to Rs. 13,509. The comparative figures for 1928-29 and the preceding two years are as under :—

Particulars.	Amount of Fees Collected.					
	1926-27.		1927-28.		1928-29.	
	No. of Licenses.	Amount.	No. of Licenses.	Amount.	No. of Licenses.	Amount.
		Rs. a.		Rs. a.		Rs. a. p.
1. Squatters' fees collected in reserved areas under Section 313.	11,031	47,170 8	12,545	47,473 8	10,307	38,070 0 0
2. Recovery of expenses of removal under Section 490 for removal of encroachment under Section 314.	....	5,592 11	....	9,928 12	....	20,048 1 6
3. Fees recieved from hawkers' licenses under Section 313A.	9,775	31,899 0	7,875	28,257 0	7,778	24,919 0 0
Total ..	20,806	84,671 3	20,420	85,659 4	18,085	83,037 1 6

15. The work of removing encroachments from public streets was, since its commencement in 1924-25, being done by the Chief Supervisor, who was responsible for the whole City. In May 1928, a Deputy Chief Supervisor was appointed as a temporary measure and he took over D, E, F and G Wards from the former. The additional appointment will be found to have been amply justified by the results, for the amount of removal expenses recovered under Section 490 of the Municipal Act rose from Rs. 9,928 in 1927-28 to Rs 20,048 in the year under report. It may be added that the lorry of the Chief Supervisor was out of order for 69 days and that of the Deputy Chief Supervisor for 19 days during the year. Taking the amount of recoveries at the minimum of Rs. 80 per day, an amount of Rs. 7,040 was lost owing to the lorries being out of commission.

16. For the removal of hawkers from within 200 yards of certain Municipal and Private Markets, the Corporation sanctioned the construction of three handcarts and the appointment of seven havildars (Resolution No. 3843 of 30th July 1928). This staff was appointed on 1st March 1929 on receipt of the handcarts from the Municipal Workshops.

17. *Prosecutions.*—The number of prosecutions launched during the year under report for contravention of Sections 394, 328 and 328A and 313 and 313A of the Municipal Act and the results thereof are compared below with those for the preceding two years :—

Years.	Offence against Section.	Total No. of Cases filed.	No. of Cases withdrawn on compliance with Law.	No. of Cases resulting in Conviction.	Amount of Fines inflicted.	No. of Cases resulting in Acquittal.
					Rs. a.	
1926-27 ..	394	3,674	3,426	248	1,935 0	..
1927-28 ..	,,	4,946	4,470	476	3,423 1	..
1928-29 ..	,,	4,807	4,435*	368	3,037 12	4
1926-27 ..	328 & 328A.	475	462	12	79 0	1
1927-28 ..	,,	461	433	27	182 0	1
1928-29 ..	,,	715	659*	55	315 8	1
1926-27 ..	313 & 313A.	105	102	3	11 0	..
1927-28 ..	,,	39	27	12	29 0	..
1928-29 ..	,,	2	1*	1	9 0	..

* Of 5,095 cases withdrawn, 4,412 were for payment of fees.

Thus while the number of prosecutions instituted during the year under report exceeded that for the preceding year by 78, the total amount of fines inflicted was less by Rs. 272.

18. Shopkeepers and hawkers have been accustomed for years to keep their wares or expose them for sale on public streets and footpaths. To wean them of their age-long habit is a task beset with enormous difficulties. The efforts of the staff to clear the streets and footpaths of encroachments are looked upon by many as undue interference with peaceful pursuit of business and often provoke stout resistance and conflict, public sympathy being actively manifested on the side of the offender. Assaults on our staff engaged in this work have not been uncommon and have resulted in injuries, more or less serious. 12 criminal prosecutions had therefore to be launched against hawkers during the year under report: 9 of these cases resulted in conviction and fines aggregating Rs. 313; in two the Magistrate awarded a compensation of Rs. 30 each, to the Chief Supervisor and to one of the Supervisors; in two cases the accused were discharged and one case was dismissed. Two such prosecutions were launched against the staff—one by a shopkeeper and the other by a hawker. The former case was dismissed and in the latter the accused was discharged.

19. After prolonged correspondence it has been possible to secure an assurance of Police co-operation and assistance as provided for by Sections 516 and 522 of the Municipal Act in the work of controlling hawking in the City and the Commissioner of Police has recently intimated the issue of orders to the Divisional Police on the subject.

I have the honour to be,

Sir,

Your most obedient servant,

N. S. KOWSHIK,

Superintendent of Licenses.

Statement showing (1) the number of licenses issued, (2) the trades licensed and (3) the amount of fees collected during 1928-29 :—

No. of Licenses.	Nature of Trade.	License fees.
		Rs. a.
29	Ærated waters (manufacturing)..	757 8
30	Ashes	180 0
195	Bakeries	4,277 8
50	Bidi leaves	238 12
18	Bidis or indigenous Cigarettes (manufacturing)	18 0
2	Bones	20 0
5	Candles (manufacturing) (hand made)	71 4
25	Carbide of Calcium (retail)	116 4
8	Do. (wholesale)	220 0
2	Catgut	30 0
940	Charcoal	7,327 0
122	Chemicals	2,048 12
47	Cinematograph Films	895 0
171	Cloth in Indigo and other colours, dyeing (hand power)	1,128 0
10	Do. do. (mechanical power) ..	277 8
264	Coal and Coke	2,840 4
31	Cocoanut Fibre, Flax, Hemp and Jute	524 0
20	Cotton (keeping, cleaning)	325 0
88	Cotton-seed	2,075 0
83	Cotton Refuse or Waste (keeping, cleaning)	1,469 8
2	Cow-dung cakes (manufacturing)	30 0
61	Dammer, Tar or Pitch	737 8
2,912	Eating Houses	20,162 12
3	Fat and Tallow (cleaning)	45 0
14	Do. (keeping)	210 0
9	Fins (dried)	135 0
24	Fish (do.)	337 8
289	Fire-works (retail)..	702 8
235	Do. (wholesale)	1,292 8
2	Do. (manufacturing)	125 0
49	Fire-wood (retail)	97 0
583	Do. (wholesale)	6,620 4
6	Gas (manufacturing)	160 0
77	Ghee (keeping)	883 12
100	Ghee keeping under Section 412/A	241 0
4	Ghee (manufacturing)	40 0
139	Grain (parching)	177 8
243	Gunny bags	1,383 0
22	Gunpowder (retail)	110 0
2	Do. (wholesale)	60 0
2	Do. (manufacturing)	200 0
511	Hair-dressing Saloons or Barbers' Shops	2,553 12
96	Hay, Straw or Grass	1,057 4
23	Hides and Skins (dried)	330 0
9	Do. (raw) (keeping)	225 0
34	Do. (tanneries)	3,155 0
3	Horns and hoofs	60 0
33	Lime for burning (lime-kiln)	1,562 8
1,529	Matches (retail)	1,849 0
54	Do. (wholesale)	2,490 2
..	Do. (manufacturing)	....
260	Do. (Bengal) (retail)	294 4
2	Do. do. (wholesale)	160 0
193	Metals casting	2,910 0
9,365	Carried over	75,236 6

No. of Licenses.	Nature of Trade.	License fees.
		Rs. a.
9,665	Brought forward ..	75,236 6
81	Methylated spirit	797 8
763	Noisy trades	2,081 0
547	Oil (keeping)	5,661 4
130	Oil (manufacturing)	1,340 0
2	Paper (do.)	30 0
2	Do. (stored for sale as waste paper)	20 0
1	Dynamite	30 0
15	Petroleum (non-dangerous) (kerosene oil) (retail)	116 0
58	Do. (non-dangerous) (kerosene oil) (wholesale)	430 0
58	Do. (dangerous, under the Indian Petroleum Act)	168 0
10	Pottery (manufacturing)	30 0
6	Rags	90 0
28	Saltpetre	140 0
12	Smelteries (treatment of metals)	135 0
37	Soap (manufacturing)	841 4
14	Sugar Refineries	627 0
24	Stables for Horses	1,770 0
96	Do. Milch Cattle	9,201 4
50	Do. Bullocks	1,085 0
....	Do. other four-footed animals	.....
877	Timber	9,110 8
119	Turpentine (retail)	588 12
34	Do. (wholesale)	506 4
36	Wool	720 0
36	Whistles (Steam), the blowing of	360 0
24	Liquid fuel under Form E of the Indian Petroleum Act	1,734 0
397	Sweetmeat (manufacturing and keeping)	3,360 12
1	Ice	70 0
13,123		1,16,279 14
215	Permits under Section 390	5,375 0
510	Transfers	510 0
13,848	Total Rs. ..	1,22,164 14
297	License fee collected during 1928-29 for the official year 1927-28..	1,927 12
14,145	Grand Total Rs. ..	1,24,092 10

Summary of total revenue collected during the official year 1928-29.

No. of Licenses	Nature of Revenue collected.	Amount.
		Rs. a. p.
14,145	License fees collected under Section 394	1,24,092 10 0
1,205	Advertisement fees collected under Sections 328 and 328A ...	34,163 8 0
10,307	Squatters' license fees under Section 313	38,070 0 0
7,778	Hawkers' license fees under Section 313A	24,919 0 0
.....	Encroachment Removal fees under Sections 314 and 490 ...	20,048 1 6
.....	Miscellaneous fees	927 10 9
33,435	Total Revenue ...	2,42,220 13 6

MARKETS.

BOMBAY, *7th June* 1929.

FROM

THE SUPERINTENDENT OF MARKETS,

ARTHUR CRAWFORD MARKETS, BOMBAY.

To

THE MUNICIPAL COMMISSIONER

FOR THE CITY OF BOMBAY.

SIR,

I have the honour to submit the annual report of the Markets and Slaughter Houses Department for the year 1928-29.

2. The total receipts from the Markets and Slaughter Houses during the year under report amounted to Rs. 12,13,440-5-5 against Rs. 11,54,113-8-9 in the previous year showing an increase of Rs. 59,326-12-8 which is due chiefly to the increase in two items of the rights of collecting fees from the scale shed at Arthur Crawford Market and Fair Ground Rent and feeding fees at Bandra Slaughter Houses and partly to the opening of a new Municipal Market at Dadar, provision of new stalls in some markets and a large increase in rent receipts of Arthur Crawford Markets.

3. The opening of a new Municipal Market at Dadar on 3rd August 1928 increased the number of Municipal Markets to 16 which are enumerated below with net receipts obtained during 1928-29 and 1927-28. The total number of stalls and the average number of stalls that remained vacant during both the years are also given for the sake of comparison. The increases and decreases in the revenue of each Market during 1928-29 and 1927-28 are given for ascertaining the financial result of each Market in respect of the stall rents, etc.

STATEMENT I.

Name of Market.	Total No. of Stalls.		Average No. of stalls vacant per quarter.		Stall Rents 1928-29.	Squatters' fees, License fees, etc. 1928-29.	Total gross receipts 1928-29.	Expenditure. 1928-29.	Net receipts 1928-29.	Net receipts 1927-28.	Increase or decrease during 1928-29.
	1928-29.	1927-28.	1928-29.	1927-28.							
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Colaba	69	69	47	49	1,378 9 4	3,028 0 0	4,406 9 4	2,487 15 1	1,918 10 3	1,461 12 11	456 13 4
Fort	180	254	7	59	12,218 12 0	5,861 0 0	18,079 12 0	6,314 5 0	11,765 7 0	10,920 0 6	845 6 6
Arthur Crawford	1,027	1,027	88	95	1,97,103 1 9	1,05,156 15 0	3,02,260 0 9	1,04,199 9 5	1,98,060 7 4	1,82,304 2 10	15,756 4 6
Erskine Road	832	809	158	147	92,374 2 10	25,718 0 0	1,18,092 2 10	36,137 8 2	81,954 10 8	85,005 12 3	—3,051 1 7
Bhuleshwar	199	199	10	11	21,829 5 2	274 8 0	22,103 13 2	6,498 14 1	15,604 15 1	15,795 11 0	—190 11 11
Pedder	46	44	5	5	2,587 14 0	3,528 0 0	6,115 14 0	2,406 7 5	3,709 6 7	3,368 10 4	340 12 3
Pork	3	3	...	...	3,200 0 0	3 0 0	3,203 0 0	1,530 1 5	1,672 14 7	2,047 6 7	—374 8 0
DeLisle Road Sheep	50	50	10	8	6,292 4 4	1,125 0 0	7,417 4 4	1,745 5 10	5,671 14 6	6,106 0 4	—434 1 10
Fergusson Road	34	33	8	6	2,608 11 10	14,833 0 0	17,441 11 10	4,457 9 5	12,984 2 5	11,841 2 1	1,143 0 4
Purbhadevi Road	29	26	9	8	1,633 5 4	8,421 0 0	10,054 5 4	2,497 3 11	7,557 1 5	7,883 1 11	—326 0 6
Elphinstone Road	32	51	10	12	5,792 12 0	4,348 8 0	10,141 4 0	3,950 0 9	6,191 3 3	6,315 2 1	—123 14 10
Kamathipura	53	53	8	7	4,133 2 4	2,809 0 0	6,942 2 4	2,022 9 1	4,919 9 3	3,750 9 10	1,168 15 5
Masjid Bunder...	52	52	29	32	3,325 13 0	682 0 0	4,007 13 0	2,909 1 11	1,098 11 1	2,091 5 7	—992 10 6
Chowpatty	71	71	27	37	3,524 4 0	3,911 6 0	6,535 10 0	2,349 7 11	4,186 2 1	6,002 4 9	—1,816 2 8
Gilder Tank	178	178	178	171	.....	1,750 0 0	1,750 0 0	349 0 6	1,400 15 6	4,974 12 4	— 3,573 12 10
Dadar	3	...	1	...	1,029 13 0	2,928 0 0	3,957 13 0	1,779 0 6	2,178 12 6	.....	2,178 12 6
Total	2,858	2,010	595	647	3,59,031 14 11	1,83,477 5 0	5,42,509 3 11	1,81,634 4 5	3,60,874 15 6	3,49,867 15 4	11,007 0 2

During the year 74 stalls in the Fort, 1 in Pedder and 22 in the Elphinstone Road Markets were demolished and 45 new stalls were provided in different Markets as shown below :—

Name of the Market	No. of Stalls.
Erskine Road	32
Fergusson Road	1
Purbhadevi	3
Elphinstone Road	3
Dadar	3
Pedder	3
Total	45

There has been an increase of Rs. 21,890-0-10 in respect of some Markets and a decrease of Rs. 10,883-0-8 in respect of others, so that the net financial position in respect of stall rents, etc., is that there has been a net increase of Rs. 11,007-0-2 during the year over the previous year which is due to the reasons mentioned in para 2.

4. In addition to this amount Rs. 1,42,552-8-0 were realized from the contractors for the rights of collecting squatters' fees from the different Municipal Markets and the scale fees from the Arthur Crawford Market against Rs. 1,17,290 of the preceding year showing an increase of Rs. 25,262-8-0. The last instalments of March 1929 amounting to Rs. 2,815 from the contractors of Erskine Road, Pedder and Kamathipura Markets were not received in time and consequently are not included in the realization of 1928-29. The matter is under consideration at present.

5. All the markets were well kept and careful supervision was exercised by the Market Staff as to the cleanliness, sanitary condition and wholesomeness of articles offered for sale.

6. The license fees during the year from private markets amounted to Rs. 27,822-5-0. License fees amounting to Rs. 990 were also recovered from Butchers having stalls in private Markets. A sum amounting to Rs. 7,710 in respect of License Fees was recovered from outside meat and fish shops. Two persons were licensed during the year for sale of fish.

A new private Market was opened at Jail Road during the year, thus increasing the number of private Markets to 19.

7. The Market Staff exercised supervision on the articles offered for sale in the Markets. Unwholesome articles, *viz.*, meat, fish, fruits, vegetables, etc., from different Markets weighing about 2,44,861 lbs. in the aggregate were destroyed during the year.

8. The contraband meat seized and destroyed was 4,156 lbs. against 4,277 lbs. in the previous year showing a decrease of 121 lbs. which is mostly due to the facilities granted to lawfully import Kurla meat into the City.

9. 10,473 buffaloes, 37,838 cows and bullocks, 8,78,891 sheep and goats were brought on the fair ground at Bandra Slaughter Houses against 10,846 buffaloes, 38,064 cows and bullocks, 9,27,559 sheep and goats during the previous year, out of which 2 buffaloes, 517 cows and bullocks and 12,013 sheep and goats being found in advanced pregnancy or suffering from purging, emaciation, fever, abortion, retained placenta and abscesses or otherwise unfit for human consumption were rejected on ante-mortem inspection.

The principal causes of post mortem condemnation were cysticercus Bovis, emaciation bruises, abscesses, actinomycosis, and jaundice.

10. The slaughter fees realized at Bandra Slaughter Houses were Rs. 3,81,896 against Rs. 3,92,591-8-0 of the last year showing a decrease of Rs. 10,695-8-0 which was due in my opinion to strikes in the textile mills and the consequent lessened buying capacity of the poorer classes. The fees received from Kurla Municipality under the agreement to import meat into Bombay were Rs. 63,450 against Rs. 55,720 of the last year. A sum of Rs. 19 in all was realized for horned cattle, sheep and goats, slaughtered in Bombay on occasions of festivals.

11. 1,746 pigs and piglings were brought for slaughter at the Arthur Road Slaughter House of which 1,655 pigs and 69 piglings were slaughtered. The fees received for slaughtering these animals at the Pork Slaughter House amounted to Rs. 1,672-4-0.

Permits to import 213 slaughtered piglings were issued during the year and the fees recovered for granting such permits amounted to Rs. 110-12-0.

NOTE.—The details of animals slaughtered, etc., and the fees realized has been given in Appendix A to this report.

12. The approximate weight of meat of buffaloes, cows and bullocks was 5,217 tons and that of sheep and goats 6,478 tons. The condemned quantity out of the former was 12 tons and out of the latter was 6 tons which give ·23 and ·09 percentage respectively.

13. Out of 67 tons of Pork meat slaughtered 2 tons had to be rejected being found unfit for human consumption and was destroyed mostly due to tuberculosis. The percentage of the quantity destroyed comes to 3. The affections of tuberculosis were confined to pigs only.

14. The fees for the import of live animals and for private slaughter of animals in the city were revised as per Corporation Resolution No. 1279 of 8th May 1928 and were brought into force from 1st September 1928.

15. The Corporation under their Resolution No. 3245 of 12th July 1928 have abolished the practice of demanding standing deposits from stall holders and have instead ordered to recover rents before the 15th day of the 1st month of each quarter and in default to cancel the license of the defaulter and to put his name on the black list.

16. The sum realized from the contractor for the right of collecting feeding and Fair Ground fees at Bandra was Rs. 1,64,000 against Rs. 1,40,000 derived in the preceding year showing an increase of Rs. 24,000.

17. The other miscellaneous revenues were as follows :—

STATEMENT II.

Particulars	Amount.					
	1928-29.			1927-28.		
	Rs.	a.	p.	Rs.	a.	p.
(1) Amount recovered from the Contractor for the right of removing blood	5,552	0	0	3,000	0	0
(2) License fees for stalls in Municipal and Private Markets, outside shops, etc.	47,066	5	0	47,610	2	0
(3) Fees for verifying weights and measures	1,186	12	0	1,778	14	0
(4) Prices, current	94	14	0	138	6	0
(5) Minor receipts	4,180	8	0	3,166	8	11
(6) Ground rent	4,791	4	0	4,175	11	0
(7) Chawl rent	4,124	14	0	4,273	14	0
(8) Rent from Pedder Market Chawl and other rents recovered from Peons, Halalkhores, etc. ..	426	13	0	470	6	0
(9) Cold Storage rents	32,627	11	0	47,280	0	0
(10) Fines from Contractors	75	0	0	70	0	0
Total ...	1,00,126	1	0	1,11,963	13	11

18. The fines inflicted by the Presidency Magistrates for infringement of the provisions of the Municipal Act and Bye-laws pertaining to Markets during the year under report amounted to Rs. 729-8-0 against Rs. 1,088-8-0 in the preceding year. The decrease of Rs. 359 is due to the smaller number of cases of seizures of contraband meat and reduced quantity of meat being brought into the city.

19. The staff for stamping weights and measures was maintained during the year.

20. The Refrigerating Plant in Arthur Crawford Market worked satisfactorily. Out of 4 cold storage rooms let on monthly tenancy 2 were vacated during the year. Packages were allowed to be stored in these rooms for which the fees were recovered daily.

21. Owing to the meagre demand for stalls in Chowpatty Market the rent of the stalls in the vegetable section of that market was fixed at Rs. 3 per quarter under the Standing Committee's Resolution No. 3702 of 25th July 1928.

22. The whole of the Gilder Tank Market was lying vacant throughout the year under review except during the hours between 12 and 4 when a wholesale vegetable market was held from which we realised Rs. 1,750.

23. During the year the meat inspection was rigid and all meat which became spoiled and unwholesome in the markets was destroyed. The total quantity so destroyed in markets amounted to 11,438 lbs.

24. I continued to hold charge of the Markets and Slaughter Houses Department throughout the year. My staff worked satisfactorily.

25. In the following statement is shown the financial result of Municipal Markets for the year 1928-29.

STATEMENT III.

Name of Market.	Total cost upto 31st March 1928.	Additions made during the year.	Total cost upto 31st March 1929.	Gross Receipts.	Expenditure.	Net Receipts. for 1928-29.	Percentage on cost.	Remarks.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		
Colaba	97,157 15 11	....	97,157 15 11	4,406 9 4	2,487 15 1	1,918 10 3	1·97	The percentage of net income on the total cost of markets comes to 9·07.
Fort	27,114 8 8	14,218 0 0	41,332 8 8	18,079 12 0	6,314 5 0	11,765 7 0	28·46	
Arthur Crawford	17,49,277 11 5	....	17,49,277 11 5	3,02,260 0 9	1,04,199 9 5	1,98,060 7 4	11·32	
Erskine Road	5,91,964 15 10	....	5,91,964 15 10	1,18,092 2 10	36,137 8 2	81,954 10 8	13·84	
Bhuleshwar	2,94,217 0 11	....	2,94,217 0 11	22,103 13 2	6,498 14 1	15,604 15 1	5·30	
Pedder	57,802 4 2	....	57,802 4 2	6,115 14 0	2,406 7 5	3,709 6 7	6·41	
Pork	20,880 13 4	....	20,880 13 4	3,203 0 0	1,530 1 5	1,672 14 7	8·00	
DeLisle Road	25,000 0 0	....	25,000 0 0	7,417 4 4	1,745 5 10	5,671 14 6	22·68	
Fergusson Road	25,415 10 5	....	25,415 10 5	17,441 11 10	4,457 9 5	12,984 2 5	51·08	
Purbhadevi	23,819 7 3	....	23,819 7 3	10,054 5 4	2,497 3 11	7,557 1 5	31·72	
Elphinstone Road.. ..	31,544 10 0	....	31,544 10 0	10,141 4 0	3,950 0 9	6,191 3 3	19·62	
Kamathipura	55,498 7 9	....	55,498 7 9	6,942 2 4	2,022 9 1	4,919 9 3	8·86	
Musjid Bunder	17,346 3 5	....	17,346 3 5	4,007 13 0	2,909 1 11	1,098 11 1	6·33	
Chowpatty	4,66,178 9 8	....	4,66,178 9 8	6,535 10 0	2,349 7 11	4,18 2 1	0·89	
Gilder Tank	3,56,375 3 1	....	3,56,375 3 1	1,750 0 0	349 0 6	1,400 15 6	0·39	
Dadar	11,428 3 1	*1,10,346 12 11	1,21,775 0 0	3,957 13 0	1,779 0 6	2,178 12 6	1·78	
Total ..	38,51,021 12 11	1,24,564 12 11	39,75,586 9 10	5,42,509 3 11	1,81,634 4 5	3,60,874 15 6		

* In the amount the sum of Rs. 99,000 represents the value of land.

I have the honour to be,

Sir,

Your most obedient servant,

C. M. FLANDERS, v.s. (Toronto),

CAPTAIN, R. A. V. C. (Retired),

Superintendent of Markets and Slaughter Houses, etc.

APPENDIX "A."

Statement showing the number of animals slaughtered, removed for private slaughter and the amount of slaughter fees levied thereon during 1928-29.

Description of Animals.	April 1928.	May 1928.	June 1928.	July 1928.	August 1928.	Septem-ber 1928.	October 1928.	Novem-ber 1928.	Decem-ber 1928.	January 1929.	February 1929.	March 1929.	Tolal No. of animals.	Total amount of Slaughter Fees. Rs. a. p.
Buffaloes	873	918	920	947	854	846	861	902	956	875	673	821	10,446	1,56,690 0 0
Cows ... Bombay	1,052	1,203	1,162	1,708	1,891	1,589	1,466	1,491	1,670	2,304	1,907	2,116	19,559	29,338 8 0
Cows ... Bandra	262	282	274	275	303	287	246	232	280	295	257	265	3,258	3,258 0 0
Bullocks	1,773	1,520	1,093	872	622	882	1,109	1,081	1,271	1,044	780	714	12,761	19,141 8 0
Sheep and goats for Bombay	63,478	62,610	61,030	59,262	58,761	58,383	60,451	59,143	62,823	64,283	50,221	65,045	7,25,490	1,36,029 6 0
Sheep and goats for Bandra	2,372	2,549	2,517	2,647	2,389	2,576	2,419	2,251	2,500	2,544	2,177	2,390	29,331	3,666 6 0
Pigs at Arthur Road Slaughter House ..	154	122	133	125	107	135	124	121	167	144	157	166	1,655	1,655 0 0
Piglings at Arthur Road Slaughter House ..	1	2	2	5	5	2	2	1	39	4	2	4	69	17 4 0
Piglings for private slaughter	21	21	20	19	17	9	23	17	41	16	1	8	213	*110 12 0
Live Horned Cattle removed to Bombay ..	14	27	25	67	48	151	40	50	19	27	48	13	529	*2,645 0 0
Live Horned Cattle for private slaughter in Bombay.	..	..	...	...	..	...	1	...	..	..	..	..	1	*3 0 0
Live sheep and goats removed to Bandra ..	3,065	5,158	3,753	3,441	2,436	2,485	3,024	2,422	3,778	3,528	2,023	2,343	37,456	18,728 0 0
Live sheep and goats removed to Bombay ..	...	..	..	..	...	112	95	76	209	183	311	165	1,151	*863 4 0
Live sheep and goats removed for shipping ..	...	..	...	..	...	182	242	195	205	228	258	250	1,560	*390 0 0
Live sheep and goats for private slaughter in Bombay.	6	1	2	8	...	10	2	..	1	1	...	1	32	16 0 0
Live sheep and goats removed by DeLisle Road Sheep Market Fadkarees.	1,158	2,550	555	1,329	475	729	1,079	1,038	1,277	1,400	756	2,135	14,481	*9,344 0 0
Total ..	74,229	76,963	71,486	70,705	67,908	68,378	71,184	69,020	75,236	76,876	59,571	76,436	8,57,992	3,81,896 0 0

* Fee revised under Corporation Resolution No. 1279 of 8th May 1928 and brought into force from 1st September 1928.

C. M. FLANDERS, V. S. (Toronto),
Capt., R. A. V. C. (Retired),
Superintendent of Markets and Slaughter Houses, etc.

No. E. H./56-B. of 1929-30.

BOMBAY, *6th June* 1929.

FROM

THE DEAN,

KING EDWARD VII MEMORIAL HOSPITAL AND THE

SETH GORDHANDAS SUNDERDAS MEDICAL COLLEGE,

BOMBAY.

TO

THE MUNICIPAL COMMISSIONER

FOR THE CITY OF BOMBAY.

Subject:—*Administration Report for the year* 1928-29.

SIR,

I have the honour to forward the Administration Report of the K. E. M. Hospital and the Seth G. S. Medical College for the year 1928-29.

2. The Report is divided under the following heads :—

Advisory Medical Board and Staff	Paras.	3-9
The Hospital	,,	10-45
The College	,,	46-60
General	,,	61-84
Appendices	Nos.	1-13

Advisory Medical Board.

3. During the year 1928, the Advisory Medical Board held 16 meetings. Its various Sub-Committees met six times during the period under report. One meeting of the entire Honorary and Professorial Staff was also held during the same period.

4. The following are some of the important questions, which the Board considered in consultation with the Dean and on which they made their recommendations :—

1. Rules for the appointment of the Tutorial Staff at the Seth G. S. M. College and the Resident Medical Officers and Externes at the K. E. M. Hospital.
2. Re-organization of the Casualty Department.
3. The mode of appointment of the Hon. Staff in future.
4. The consideration of establishing a Central Clinic for school children at the K. E. M. Hospital.
5. The Bill to establish a Medical Council in India and to provide for the maintenance of a British Indian Medical Register.
6. The proposal to establish a Library for patients.

Various other questions of administrative details pertaining to the Hospital and College and concerning teaching were considered by the Board and the recommendations made thereon have generally been acted upon.

The Dean.

5. Dr. Jivraj N. Mehta, M.D. (Lond.), M.R.C.P. (Lond.), continued to be in charge throughout the year.

Changes in the Staff.

6. During the period under report, the post of Honorary Aural Surgeon in the Hospital and Lecturer in Ear, Nose and Throat at the College was filled up by the appointment of Dr. Homi Darasha Gandhi. M.B., B.S., F.R.C.S. (Edin.), as Honorary Assistant Aural Surgeon at the Hospital and Honorary Assistant Lecturer in Ear, Nose and Throat at the College.

7. Dr. Mrs. Dossibai J. R. Dadabhoy, M. D. (Lond.), M.R.C.P. (Lond.), Honorary Gynæcologist at this Hospital resigned her appointment from the 1st February 1929.

8. Dr. A. C. Rebello, M.B., B.S., D.T.M. & H. (Lond.), Honorary Dermatologist and Venereologist at the Hospital and Honorary Lecturer in Skin and Venereal Diseases at the College, who was on eleven months' leave, resumed his duties on the 16th August 1928.

9. Captain F.A. Khan, M.B., B.S., Assistant Dean, having resigned his appointment from the 29th March 1928, Captain R. E. Dadachanji, M.B., B.S., has been confirmed as Assistant Dean from that date.

The Hospital.

10. The Hospital worked throughout the year, with the full complement of 334 beds which are distributed as follows :—

Department	Male.	Female.	Children.	Total.
Medical	78	26	10	114
Surgical	78	26	14	118
Gynæcological	..	35	..	35
Ophthalmic	16	16	..	32
Aural	6	2	2	10
Skin and Venereal	6	2	..	8
Casualty	6	3	..	9
Isolation	6	2	..	8
Total ..	196	112	26	334

Equipment.

11. During the period under report, the X-Ray Department of the Hospital was provided with a vertical Roentgenoscope at a cost of Rs. 2,320. Proposals for the purchase of Radium and of the outfit for Deep X-Ray Therapy could not be given effect to, though submitted, for want of funds. As the Radium and Deep X-Ray Therapy apparatus are indispensable for the treatment of patients suffering from cancer, it is hoped funds will be provided for their purchase next year. The Electro-Cardiograph arrived in December 1928 and is now fitted up for work.

Venereal Wards.

12. The Corporation have sanctioned a moiety of the cost of constructing two Skin and Venereal Wards with 16 beds in all, at this Hospital. As the Governor's Hospital Fund Authorities have agreed to bear half the cost of construction and equipment of these Wards, *viz.*, Rs. 27,500, they are expected to be ready for the admission of patients, in the year 1930.

13 For the provision of quarters to the extra Nursing Staff that will be required for these new wards, it has been decided to construct an additional storey over the existing Nurses' Annexe, at a cost of Rs. 21,000. A provision for half the amount has been made in the Budget for the year 1929-30 and the Governor's Hospital Fund Authorities have consented to bear a part of the remaining cost.

Number of patients treated during the year 1928 *and total expenditure during the year* 1928-1929.

14. The statistical tables attached to this report record in detail the number and attendance, &c., in all the Departments of the Hospital and of the number and nature of operations performed. The following abridged summary shows the increase of work carried out during the year 1928 as compared to that in 1927 :—

	Figures for the year 1928.	Figures for the year 1927.
(*a*) *In-patients.*—		
1. Daily average number of beds available	334	301·6
2. Daily average number of beds occupied	330·16	278
3. Number of patients admitted	7,846	5,923
4. Average number of days each patient was resident...	15·3	15·9
(*b*) *Out-patients.*—		
1. Total number of new out-patients	48,160	39,698
2. Total number of out-patient attendance	1,44,416	1,16,375
3. Number of casualty patients, included in No. 1 above	7,173	6,620
(*c*) *Operations.*—		
1. Total number of operations on in-patients	2,810	1,947
2. Total number of operations on out-patients	2,268	1,650

15. Of the total number of 8,141 patients under treatment (7,846 new admissions *plus* 295 patients in residence on the 1st January 1928), in the Hospital during the period under report, 3,665 were cured, 2,057 were discharged as relieved, 1,281 either absconded or left the Hospital against medical advice, and 828 died, leaving a balance of 310 patients in the Hospital at the end of the year. Out of the 828 deaths, 124 died within twenty-four hours and 249 died after 24 hours and within three days of admission. These figures will indicate that admissions are made without restriction and without reference to the effect of such admissions upon the mortality returns of the institution. The relatively high percentage of death soon after admission is explained by the fact that patients ordinarily come to the Hospital much too late for skilled assistance to be of any avail. It is much to be wished that patients would resort to Hospital treatment at a stage when the disease is still controllable and remediable rather than at the very last moment.

16. Excluding the amount spent out of loan funds, the total expenditure incurred on the maintenance of the Hospital during the year 1928-29 including liabilities outstanding at the end of the year approximately amounts to Rs. 4,81,492. This expenditure includes the cost of maintenance and treatment of in-patients, the cost of the out-patient department, of the resident medical, nursing and menial staff as well as that of the administration and of maintenance and repairs of buildings. Without sufficient staff and considerable trouble it is not possible to maintain absolutely separate accounts for the cost of maintenance of the out-patient and in-patient sections respectively. These have, however, been worked out fairly correctly and the cost per in-patient per day comes to Rs. 3-6-7 and that for each out-patient to Re. 0-7-11, per out-door attendance, *i.e.*, about Re. 0-2-8 per Medicine day, including the cost of drugs, surgical dressings, skiagrams, establishment charges, &c. (*re:* out-door attendance *vide* the reference in appendix 2.) The cost of diet, including that of extras and stimulants works out at Re. 0-11-4 per in-patient, per day. The average cost to the institution for every in-patient admitted works out at Rs. 52-3-2; the cost of every new out-patient admission coming to Re. 1-7-7 in all.

17. The following table illustrates the relative cost of In-and Out-patients, per patient per day, during the years 1928-29 and 1927-28, respectively :—

	1928-29.	1927-28.
	Rs. a. p.	Rs. a. p.
(*a*) Average cost, per In-patient, per day ..	3 6 7	3 11 6
(*b*) Average cost of diet, per In-patient, per day.	0 11 4	0 12 4
(*c*) Average cost per In-patient admission	52 3 2	62 2 9
(*d*) Average cost, per Out-patient attendance..	0 7 11	0 8 0
(*e*) Average cost, per Out-patient admission ..	1 7 7	1 8 6

18. The details of the cost per In-patient, per day, for the years 1928-29 and 1927-28 will be seen from the following table :—

Year.	Diets.	Drugs, Dressings and Instruments.	Stores and Linen.	Heating and Lighting.	Miscellaneous.	Establishment.	Repairs to Buildings and Engineering.	Total cost.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1928-29	0 11 4	0 6 8	0 3 5	0 2 6	0 2 0	1 9 6	0 3 2	3 6 7
1927-28	0 12 4	0 8 11	0 2 10	0 3 2	0 2 8	1 10 1	0 3 6	3 11 6

19. The following table gives the cost, per out-patient, per day during the year under report in comparison with that for the previous year :—

Year.	Diets.	Drugs, Dressings and Instruments.	Stores and Linen.	Heating and Lighting.	Miscellaneous.	Establishment.	Repairs to Buildings and Engineering.	Total cost
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1928-29	...	0 8 11	0 1 2	0 0 8	0 0 9	0 11 0	0 1 1	1 7 7
1927-28	...	0 7 9	0 1 6	0 0 8	0 0 10	0 12 10	0 0 11	1 8 6

In-patient accommodation.

20. Though the scheduled number of beds is 334, there have generally been more in-patients in the Hospital than what could be accommodated on the cots. The largest number of In-patients on a single day during the year 1928, was 399. The congestion in the wards exists in spite of refusing admission to many patients whom the medical staff would like to admit. The demand for more Hospital accommodation grows in spite of the addition of nearly a thousand beds in the City of Bombay during the last five years. A part of the difficulty is caused by the fact that a number of patients, paralysed or incurable, hang on in the Hospital, whom no relatives claim, and whom no Medical Officer would like to turn out on the street in that condition. Till recently, a few of such patients from the K.E.M. Hospital were taken up by the Helpless Beggars' Camp, but in view of its straitened financial circumstances, the authorities of the Camp have refused to receive such patients with the result that the beds in the Hospital remain occupied by patients whom the Hospital can do no good and who thus prevent the admission of a corresponding number of patients whom the Hospital could the more readily restore to normal health and vigour. To enable the Hospital to render the fullest possible service in the way of restoring as many of the sick to health as possible, it would be more economical if the Corporation would arrive at an arrangement by which, in return of certain grants received, the Beggars' Camp would undertake charge of patients of this kind sent by the Dean.

21. The institution of an infirmary for chronic and nervous cases is a great need for a City like Bombay. Proposals were made to Government to help in starting one in Bombay, but they were unable to accept the same. The building of an Infirmary will perhaps cost a third or a fourth, per bed, compared to the cost of constructing a large modern Hospital and its cost of maintenance, per bed, will also be less than half of that, in a large general Hospital. It will be therefore economical if efforts were made to expand medical relief in the City by providing an infirmary with about 250 to 400 beds.

22. Another economical method of relieving congestion at the Hospital would be to transfer convalescent cases to a place situated outside the City, and in a more salubrious locality. Such a convalescent Home with even 30 beds will give considerable relief to the Hospital and will enable a large turn over of patients every year.

23. *Mental patients.*—An increasing number of patients suffering from mental diseases are brought to the Hospital for medical relief. No accommodation is so far provided for the proper treatment of these patients. It will be necessary to make available two or three separate rooms for the proper looking after of such patients and the necessary staff for the purpose.

Nursing Arrangements.

24. The increased number of patients in the Hospital has led to difficulties in their proper nursing. The Nursing Staff, inadequate as it is, finds it extremely difficult to look after the patients when in any particular ward their number goes up. For several hours on end, *e. g.* in the evenings and during night, there is often only one Nurse to look after as many as thirty to forty patients, some of whom may have either undergone serious operations or may be suffering from such acute diseases as Pneumonia which needs the constant care and attention of the Nurse. The Nursing Staff needs to be strenghtened. Difficulties often arise when it is not possible to maintain the full strength of the Nursing Staff owing to excessive sickness in the staff or absence on leave. In the case of the probationer nurses, it is almost impossible to employ new hands temporarily, and even if it was possible, they will only hinder the work due to ignorance, and inexperience, rather than help.

25. *Private Nursing Staff.*—As stated in the previous year's report, the need for organising a private nursing staff has been growing and it will be necessary to consider this question as the Nursing staff grows advanced in service and is entitled to the benefits of the Municipal Leave Rules.

26. Arrangements for the training of probationer Nurses in Infectious Diseases at the Arthur Road and Maratha Hospitals were sanctioned during the year under report and will be brought into force in the year 1929-30.

27. The following are the results of nursing examinations in respect of the probationer nurses, at the Examinations held by the Bombay Presidency Nursing Association, from this Hospital:—

Examination.	Held in September 1928.		Held in March 1929	
	Appeared.	Passed.	Appeared.	Passed.
First Examination	12	10	7	6
Final ,, ...	4	4	13	8

The "Savitribai Purandare Prize" was awarded to Miss Ruby Rodgers who passed her Senior Examination in Nursing in September 1928.

Thanks are due to the Proprietors of the *Times of India* and the *Jam-e-Jamshed* for the supply, free of charge, of one copy each, of those journals to the Nurses' Club.

28. The popularity of the Hospital is reflected in the increasing number of Out-patients that seek resort to it. During the year under report 48,160 new cases were treated as against 39,698 new cases in 1927 and 20,014 in 1926. The total out-door attendance of new and old cases for the three years was 1,44,416, 1,16,375 and 59,108 respectively. The growth in the number of Out-patients causes great congestion of work in the morning. For want of sufficient space and staff, patients have to be frequently kept waiting for considerable time. This congestion can only be relieved by providing a separate Casualty Department and by extending the Surgical Dressing section in the Out-door Department.

29. The Skin and Venereal and the Aural sections of this Department have been recently considerably enlarged. Each section has now twice the accommodation it had the previous year. Even with this enlargement, the departments look almost as overcrowded and cramped for space as before. In the Skin and Venereal Department, facilities are provided for the treatment of patients suffering from gonorrhœa by the Irrigation method. A separate arrangement also exists for the treatment of women patients in this section. It is, however not as satisfactory as one would like it to be. Arrangements are being made to give facilities to operate on all cases suffering from the diseases of Ear, Nose and Throat in the Department itself.

Hospital Pharmacopœia.

30. The Hospital Pharmacopoeia, which was under preparation last year, was published during the year under report. Thanks are due for its compilation to Dr. A. S. Erulkar and the Honorary Staff as well as to the Professor of Pharmacology and Dr. C. C. Merchant, M.B., B.S., Tutor in Pharmacology, who helped materially in its preparation.

Central Clinical Laboratory.

31. The Professor of Pathology and Bacteriology undertook a comparative study of the Wasserman Reaction and Kahn Test. A series of 965 specimens of bloods were examined for the relative agreement between these two tests and it was found that in 916 specimens, *i.e.* 94·92 per cent. of the cases, there was complete agreement of result by the two methods. In 12 cases (1·24 per cent.) Wasserman was positive where Kahn was negative and in 37 cases (3·86 per cent.)Kahn was positive where Wasserman was negative. This marked agreement in the two tests has led to the adoption of Kahn's tests being used in the diagnosis of syphilis as a routine wasserman reaction being used in certain special cases. There will be a saving in cost to the Hospital as a result of this procedure.

32. In this Department as well as in the Chemical Pathology Department of this College, almost all the important Bio-chemical inve tigations on blood and other body fluids are now being undertaken as will be seen from appendix 12. Attempts were made to secure strains of Gonococcus with a view to the preparation of a Vaccine and Classification of types of the organism, found in Bombay. It has been possible to isolate four strains so far.

33. An investigation has been undertaken by Dr. A. S. Erulkar in conjunction with Professor V. R. Khanolkar to study the severe anæmias common in Bombay. So far 80 cases have been worked out and the series will be completed by a study of 20 more cases, including some of Pregnancy Anæmia. The Board of Management of the Nowrosjee Wadia Maternity Hospital have offered facilities for this work at that Hospital and for this we are grateful.

Minor inquiries.

34. An abstract of 101 Cases of Tetanus treated in the Hospital in 2½ years since its opening, was made, under my direction, by Dr. P. G. Shukla, M. S., Ex-Surgical Registrar. The percentage of cure comes to 45·5 per cent. A Tetanus patient costs on an average about fifteen rupees a day, on the first four days of his stay in the Hospital. A field for investigation is available here. The assistance of a full-time worker will be needed for this work. The cost of his salary will be more than met by the savings that would accrue as a result of the investigation.

35. An abstract of cases of Burns treated at this Hospital is being prepared. Mr. D. Abraham, M.B., B.S., Medical Registrar, has undertaken, under my direction, the preparation of Statistics of all patients suffering from Pneumonia that were admitted into the Hospital, with a view to standardise the line of treatment to be followed as a routine in the Hospital.

36. Arising out of the report of the Delegation of the British Social Hygiene Council, which was published during the year under report, and which refers to the alleged high incidence of Venereal diseases in the City of Bombay, proposals have been put up for a systematic study of the incidence of these diseases among the patients (In-as well as out-patients) attending this Hospital.

Scale of fees for well-to-do patients.

37. The question of fixing a scale of fees for the treatment of well-to-do patients that attend off and on at this Hospital, is under the consideration of the Corporation. It is hoped a speedy decision will be arrived at on this question.

38. In connection with the above, a report has already been submitted by me on the economic condition of patients treated in this Hospital. Arising out of this, the remark may be made that the entire field of the Hospital activities offers a most fruitful field for research to the student of social or civic economy ; and it may therefore be commended to the University as well as the Corporation that they should co-operate to institute such an investigation regularly by competent parties.

The Riots.

39. At the very beginning of the year under report, economic unrest showed itself in the form of a wholesale strike in the cotton industry, which lasted for six months or more. For obvious reasons, during this period, there was a large increase in the number of patients seeking medical relief at the Hospital. After the termination of the strike, a serious disturbance occurred on the 12th December 1928, with the result that 32 persons, including 14 members of the Police Force, were attended to at the Hospital for injuries received. Of these, 17 were treated and allowed to go home, and the remaining 15 were admitted into the Hospital. Four out of them succumbed to their injuries and the remaining were discharged cured or relieved.

40. Towards the end of the Official Year— in February 1929—civic disturbances broke out on a large scale and those also made unprecedented demands on the Hospital. Special arrangements were consequently made in the Out-patient Department, a portion of which was converted into a Casualty Ward. A Medical Ward was also temporarily converted into a Surgical Ward for the accommodation of riot cases. The total number of these cases, from the 3rd February 1929 to 13th February 1929, was 144, of whom 72 were detained and an equal number discharged after treatment. Of the 72 patients admitted into the Hospital, 11 died and 58 were discharged either cured or relieved; 3 having left against medical advice.

41. An after-effect of the riots was noticed in the diminution of out-patients for a few days, owing apparently to the difficulty of travelling through the disturbed areas.

42. The Resident Medical, Nursing and Menial Staff and the Students gave excellent help in tiding over the emergency which faced the Hospital in treating so many wounded persons. The Hospital Staff was also helpful in forming an ambulance squad to bring in the persons wounded near the Hospital.

Poor Box Charity Fund.

43. The Poor Box Charity Fund started for rendering relief to poor patients by providing them with spectacles, crutches, trusses, artificial limbs, travelling expenses, &c., has received steady support from the public and from the patients who have been benefited

by the attendance at the Hospital, as can be seen from the statement of account published in Appendix 13. The Lightfoot Refrigerating Co., Ltd., continued the free supply of Oxygen to the Hospital during the period under report. This continued generous help is much appreciated.

44. The following donations and gifts were also acknowledged with thanks during the period under report :—

		Rs.
1.	Choonilal Bhaichand Mehta, Esqr.	1,000
2.	Cawasji Jamshetji Petigara, Esqr.	200
3.	Dr. S. J. Nadkarni, L. M. & S., on behalf of Sitaram Ganesh Paranjpye, Esqr.	100
4.	D. V. Sant, Esqr.	100
5.	G. K. Nariman, Esqr.	375
6.	The Managing Director, Burmah Shell Oil Storage and Distributing Co., Ltd., Bombay	300
7.	Merwanji Edulji Kandawalla, Esqr.	101
8.	Mrs. Jerbanoo Mothwalla	1 Gramaphone
9.	Mr. Vishnu Sakaram Shirsat	1 Primaphone
10.	Dr. R. K. Dhuru, L.R.C.P., L.R.C.S.	1 Wheeled chair.

45. A sum of Rs. 285-12-0 was also spent for providing warm clothing to the poor patients of the Hospital out of the amount of interest accrued on the anonymous donation of Rs. 28,000 received through Messrs. Ardeshir Hormusji and Dinshaw and Company, Solicitors, for this purpose. A further sum of Rs. 5,984 out of the amount of interest realized, has been invested in purchasing 4 per cent. Government Loan, 1960-70, of the face value of Rs.6,800, reserving the balance for further purchases of warm clothing for patients.

The College.

Admissions.

46. During the year under report, 60 fresh admissions were made in June 1928. The number of regular students on the College Rolls, of whom 10 are Lady Students, at the close of the year, was as stated below :—

1st	Year	Intermediate	M.B., B.S.	..	..	58
2nd	,,	,,	,,	..	..	28
3rd	,,	Final	,, (Junior)	..	..	44
4th	,,	,,	,, (Senior)	..	..	62
				Total	..	192

Examinations.

47. *Intermediate* M.B., B.S. *Examination.*—The College sent up 27 Students for this Examination in April 1928 and 42 in December 1928, out of whom 20 and 23 Students were respectively declared successful.

Final M. B., B. S. Examination Part I.—Out of the 30 Candidates sent up for this Examination in September 1928, 12 passed.

M.D. Examination.—Four Post-Graduate Students were sent up for this Examination as shown below :—

2 in M. D. Branch. I (General Medicine)
1 ,, ,, ,, II (Pathology)
1 ,, ,, ,, III (Midwifery and Gynæcology).

Of these, two passed, one in Branch II and the other in Branch III. The Candidate taking M. D. (Midwifery and Gynæcology) was the first Lady Student to take M. D. in the Bombay University.

M.S. Examination :—Of the two candidates sent up by this College, one was declared successful.

Affiliation.

48. The College has been affiliated to the University of Bombay from June 1929, for the B.Sc. Course in the following subjects :—

Animal Physiology (Principal and Subsidiary).
Microbiology (Subsidiary)
Microbiology (Principal) with Group III.
(1) Applied Microbiology (suitable for Medical Students only).

Annual Cost and Revenue.

49. The total expenditure on the College and Hostel excluding the amount spent out of Loan Funds comes to Rs. 2,17,668-7-9. This amount includes the liabilities incurred during the year. The revenue of the College in the form of fees, Hostel Rent and miscellaneous receipts from the Under-Graduate Students amounts to Rs. 56,017-0-0. The corresponding figures for the previous years were Rs. 2,06,804-7-3 and Rs. 41,311-0-0 respectively. The College is now having a larger revenue from fees, which will further increase in the following year. The fees from Post-Graduate Students which are not included in the above amount came to Rs. 1,245 0-0.

50. The gross cost per student at this College works out for the year under review at Rs. 1,139 per year, and the net, at Rs. 842. The corresponding figures for the previous year were Rs. 1,487 and Rs. 1,193 respectively. The cost per student will fall still more appreciably next year, when all the classes are full. The fifth year classes begin next June.

51. It may be mentioned that the cost per student has been reckoned on the strength of the Under-Graduate Students only. If the Post-Graduate or Casual Students are taken into consideration, it will be correspondingly less.

Equipment.

52. A large Baloptican of the make of Messrs. Bausch & Lomb has been purchased at a cost of Rs. 2,107 for use in the Main theatre. The Mechanical Engineer has been requested to submit a scheme for the darkening of this theatre and on this being done, the Baloptican will be installed in it.

53. The necessary Cinema out-fit has been ordered to facilitate the taking of motion pictures for demonstration to students, at an estimated cost of Rs. 1,600. On the arrival of the same and of some apparatus for Anthropometric Measurement, which is wanted for the Anatomy Department in connection with the B.Sc. Course of Study in Anatomy, which have been recently introduced by the University, the initial equipment of the College can be said to be completed.

Museums.

54. Substantial additions have been made to the Anatomical and Pathological Museums during the year under Report. 146 new specimens were added in the Pathology Museum and a number of old specimens were replaced. Similarly 90 new specimens were added in the Anatomy Museum, As stated in the last year's Report, 26 wax models, illustrating skin and venereal diseases, have been obtained from Paris. An equal number of these wax models will be ordered in 1929. A few models of skeleton and Skulls and some wax models for the Embryological Section were purchased for the Anatomy Department during the course of the year. Some obstetrical models have also been added to the Museum. The total number of specimens in the Anatomical and Pathological Museums is now 550 and 586, respectively.

55. The Professor of Pathology has undertaken the preparation of a catalogue explaining and illustrating Pathological specimens that are in the Museum. It will be ready next year.

Library.

56. During the year under report 115 new books were purchased and 92 volumes were added to the library in the shape of bound volumes of Journals, as against 103 books and 33 volumes, respectively, during the previous year.

57. Thanks are due to Sir Nusserwanji Choksy, M.D., C.I.E., for his present of 225 books from his collection of Medical Books to the College Library. He has also presented a number of re-prints from various Medical Journals which will add to the value of the Library for the purposes of reference.

58. A fair number of books were also presented to the Library by various Medical Publishers and by some Members of the Staff.

59. The Library now holds 2,783 books purchased out of Municipal Funds, 177 volumes of bound journals and 1,779 old medical books that have been presented to the Library (including 1,345 volumes of the Royal Asiatic Society which were lent to the College in 1926).

60. 2,020 books were issued to students for reading in the Library and 890 books were issued to the Professorial, Honorary and the Junior Medical Staff during the year under report as against 2,142 and 834 books, respectively, in the previous year. The issues from the Professors' Departmental libraries to the Staff concerned, are not included in the above figures. Books are allowed to be taken home by the Senior and Junior Medical Staff as well as by those Post-Graduate Students who are definitely reading for higher Medical Examinations.

Post-Graduate and Special Instruction.

61. Special Classes were organized by the Honorary Ophthalmic Surgeons in conjunction with the Professors of Pathology, Anatomy and Physiology for the instruction of those Post-Graduate Students in Ophthalmology who were preparing for the D. O. Examination.

62. A Special Course of instruction in Clinical, Pathology and Bacteriology was organized for three months, for the three Medical Officers deputed by the Government of the Central Provinces and Berar, for this purpose.

63. A course of Instruction has been organized for those Post-Graduates who are appearing at the M. S. Examination next June.

64. A Post-Graduate Class in Medicine for those going up for the M. D. Examination in Medicine was organized but could not be held for want of a sufficient number of Students.

65. 45 Post-Graduate Students attended the various Departments of the associated King Edward VII Memorial Hospital during the period under report.

66. A Class in Medical Photography was organized for the benefit of the Staff with the help of Mr. K. S. Herlekar of the Agfa Photo Co., to whom thanks are due for his voluntary assistance. The Staff and Students are also grateful to Professor G. M. Jadhav of Baroda College for holding classes in German for them, without charging any fees.

Mr. S. H. Gokhale, M.B., B.S., Demonstrator in the Department of Pathology and Bacteriology, and Mr. M. V. Patwardhan, M.B., B.S., were deputed to Calcutta to undergo special training in Leprosy work at the School of Tropical Medicine, Calcutta, on the recommendation of Sir Nusserwanji Choksy, Secretary to the India Council of the British Empire Leprosy Association.

Grant from the Indian Research Fund Association.

67. Proposals for seven different investigations to be carried out at these Institutions by the Professorial and Honorary Staff were submitted last December for the consideration of the Governing Body of the Indian Research Fund Association. Though, at first, the reply was disappointing in that no funds were available for financing any of these investigations, the Secretary of the Governing Body of the Fund has recently informed me that the Governing Body have approved of the following three investigations to be undertaken at these Institutions at a total cost of Rs. 9,530 which is very gratifying, the more so as our college was founded less than four years ago and has been only just recently fully organized—

(1) "Determination of Hæmoglobin in health and in Anæmias common in Bombay," by Professor V. R. Khanolkar, Professor of Pathology and Bacteriology.

(2) "Investigation in the nutritive value of Indian vegetable foodstuffs," by Professor S. P. Niyogi, Professor of Physiology.

(3) "An investigation on Neo-Natal mortality in Bombay," by Dr. H. DeSa, Honorary Lecturer in Obstetrics and Gynæcology.

Retrenchment.

68. The Sub-Committee of the Medical Relief Committee, which was appointed early in 1927, to suggest reduction in the expenditure on Municipal Medical Institutions, carefully scrutinized the expenditure of this Hospital and College, submitted a report as a result of which retrenchment to the extent of Rs. 5,000 was effected in the Hospital Grant and of Rs. 2,000 on the College Grant. In the course of their recommendations which were accepted by the Corporation, as per Corporation Resolution No. 10934, dated 28th February 1929, "the Sub-Committee expressed their opinion that both the King Edward VII Memorial Hospital and the Seth Gordhandas Sunderdas Medical College were managed on as economical lines as possible." (*Vide* Standing Committee Proceedings, page 1385, dated 1st December 1928).

69. A further inquiry into the expenditure of these Institutions has been recently taken up, along with that in most of the departments of the Municipality, by Mr. N. D. Metha, Retrenchment and Reforms Advisor, at the instance of the Retrenchment and Reforms Inquiry Committee. I have every hope that this investigation will confirm the result of the inquiry held by the Medical Relief Committee referred to above.

70. The Test Audit Officer checked the methods of controlling the issue of Stores and consumption of diets at the Hospital, and was satisfied that the procedure adopted at this Hospital " is based on sound lines and does not require any modification " *(Vide* Test Audit Officer's Report for the period July 1928 to March 1929).

Endowments.

71. The following endowments have been received during the period of the report for the purpose of awarding Scholarships and Medals to the Students of this College :—

(1) An endowment from H. H. Shri Sir Daulatsinghji, K.C.I.E., Thakore Saheb of Limbdi, for the award of a Gold Medal to be named " His Highness Sir Jayawantsingji Gold Medal " to a student of this College who stands first at the final M.B., B.S. Examination.

(2) An endowment from the Bhavanagar Durbar for the award of a Scholarship of Rs. 20 per mensem to be called the " Bhavanagar State Entrance Scholarship."

(3) An endowment from the " Shirwalkar Memorial Fund ", for the award of (*a*) a Scholarship of the value of Rs. 15 per mensem for the College Competitive Examination in Anatomy and Physiology, (*b*) four Gold and four Silver Medals of the approximate value of Rs. 35 and Rs. 12 each, respectively, to be awarded as a result of Clinical and Oral tests in junior Clinical Medicine and junior Clinical Surgery.

During the year under report, 18 students received Scholarships either from the College or University Endowments or from the Bombay and C. P. Governments and 12 students were awarded Free-studentships in the College. Scholarships from Private Bodies have also been allotted to 12 students.

Buildings.

72. A photo studio has been constructed to facilitate the taking of photographs of patients. An Acid room has also been built for the storage of Acids, Alcohol, Ether, and other preparations of an explosive nature. Quarters for Mang servants are now ready for their occupation. A shed is also built for the Anatomy Cart and Bullocks.

73. Orders have been placed for enclosing the verandahs on the East and West Sides of the first and second floors of the College, with Crittal Windows. These will be fitted before the break of the monsoon so that four more rooms will thus be made available for the use of the respective departments concerned.

74. The roof of the Hospital and College Buildings leaked last year and urgent repairs were executed through Messrs. R. Thorley & Co. at a cost of Rs. 2,794-4-0. Some more repairs are still necessary to the roofs of these buildings as well as to the domes of the Hospital, and steps are being taken to carry them out before the monsoon bursts in June next.

75. The trouble of the bursting of the tiles in the different Wards and Theatres of the Hospital still continues and substantial outlay will have to be made to provide against this recurrent phenomenon.

Hostel and Gymkhana.

76. As previously reported the proposal to construct an additional storey over the existing Hostel Building is under the consideration of the Corporation. The want of proper accommodation for our students to stay in is greatly felt. It is hoped that the question of raising a floor on the existing Hostel Building will receive the sympathetic consideration of the Corporation and that a provision for construction of the same will be made in the Loan Works Budget for the year 1930-31.

77. The plot of land acquired to the east of the Hospital and College Compound as a Play-Ground for Students is being levelled. The grant sanctioned for this work is not adequate for the purpose of levelling the whole plot. Some relief will, however, be given to the Students by levelling as large a portion of it as possible to enable them to use it for practice though not for matches.

78. The two Tennis Courts, referred to in my last report, have been completed and are now available for the use of Students. They add greatly to the amenities of the College.

79. The College Gymkhana entered in Inter-Collegiate Tournaments in Tennis, Hockey, Football, Cricket, Athletics and Badminton during the year under review. Mr. N. R. Suvarna won successively for the fourth time the Championship Cup in Inter-Collegiate Tournaments for Tennis, Singles.

80. The Hockey Team sent to Poona to compete in the P. Y. C. Hockey Tournament, though beaten, was awarded two Silver Medals as a special recognition of two of our players ; Messrs. J. A. Sharma, the Honorary General Secretary and Y. N. Ajinkya. Four players were selected from the College to play for the University Team represented in the Agakhan Hockey Tournament.

81. Mr. R. P. Dwivedi did well at the Inter-Collegiate Wrestling Championship. In the other events, the College could not make a good show for want of a proper Gymkhana Ground to practise on.

82. The need of the Gymkhana Pavilion is much felt. It is to be hoped that funds will be made available for its construction next year.

Gardens.

83. The Gardens are now looking up and they add to the magnificence of these Institutions. My thanks for this as well as for his help in many ways in the administration of these Institutions are due to Captain R. E. Dadachanji, the Assistant Dean.

84. His Excellency Major-General Sir Frederick Sykes, G.C.I.E., G.B.E., K.C.B., C.M.G., Governor of Bombay, accompanied by Lady Sykes was pleased to give an informal visit to this Hospital and College on the 20th February 1929.

I have the honour to be,
Sir,
Your most obedient servant,

JIVRAJ N. MEHTA,
M.D., M.R.C.P. (Lond.),
DEAN.

INDEX OF APPENDICES.

Appendix No.	1.	Summary of in-patients and their classification as per departments.
,,	2.	Summary of out-patients and their classification as per departments.
,,	3.	Chart illustrating In-and Out-patient admissions by months.
,,	4.	Summary of patients according to sex, age and caste with a chart illustrating this summary.
,,	5.	Chart comparing results for 1927 and 1928.
,,	6.	Summary of patients according to nature of diseases.
,,	7.	Classification of Operations in the Surgical Department.
,,	8.	Classification of Operations in the Gynæcological Department.
,,	9.	Classification of Operations in the Ophthalmic Department.
,,	10.	Classification of Operations in the Ear, Nose and Throat Department.
,,	11.	X-Ray and Electro-Therapy Report.
,,	12.	Clinical Laboratory Report.
,,	13.	Poor Box Charity Fund, Statement of Accounts.

APPENDIX 1.

Summary of In-Patients classified as per Departments for the year 1928.

During the period under review, 7,846 patients were admitted into the Hospital of whom 4,973 were men, 2,15 were women and 715 children (426 male and 289 female). The in-patients in the various departments are summarised as under :—

Name of Department.	Men.	Women.	Children.		Total.
			Male.	Female.	
Medical	2,280	662	144	91	3,177
Surgical	1,836	552	152	110	2,650
Ophthalmic	379	290	12	11	692
Gynæcological	..	482	2	3	487
Aural	308	130	110	70	618
Dental	1	..	..	..	1
Skin and Venereal	169	42	6	4	221
Total ..	4,973	2,158	426	289	7,846

APPENDIX 2.

Summary of Out-Patients classified as per Departments for the year 1928.

There were 48,160 new admissions during the period under review, the total attendance in the out-patient and casualty department being 1,44,416 as tabulated below. It may be mentioned that quite a large number of patients are referred for consultation and treatment from one department to another, *e.g.*, a medical case may be sent to the Dental or Ophthalmic Department, etc., for consultation or treatment and *vice versa*. Cases so referred or transferred are generally not shown as separate admissions. For the sake of comparison it may also be mentioned that with a view to maintain continuity of treatment, the same outdoor case paper is issued, wherever possible, to a patient even after a few months' absence or after his discharge as an in-patient, with the result that the subjoined table shows, comparatively less work than what is actually carried out in each department.

N. B.—Even though an out-patient may get three or four days' medicine at each attendance, his attendance has been counted as one attendance only, it being generally found, that the medicines, etc., prescribed at each out-door attendance represents about three "medicine days" on an average.

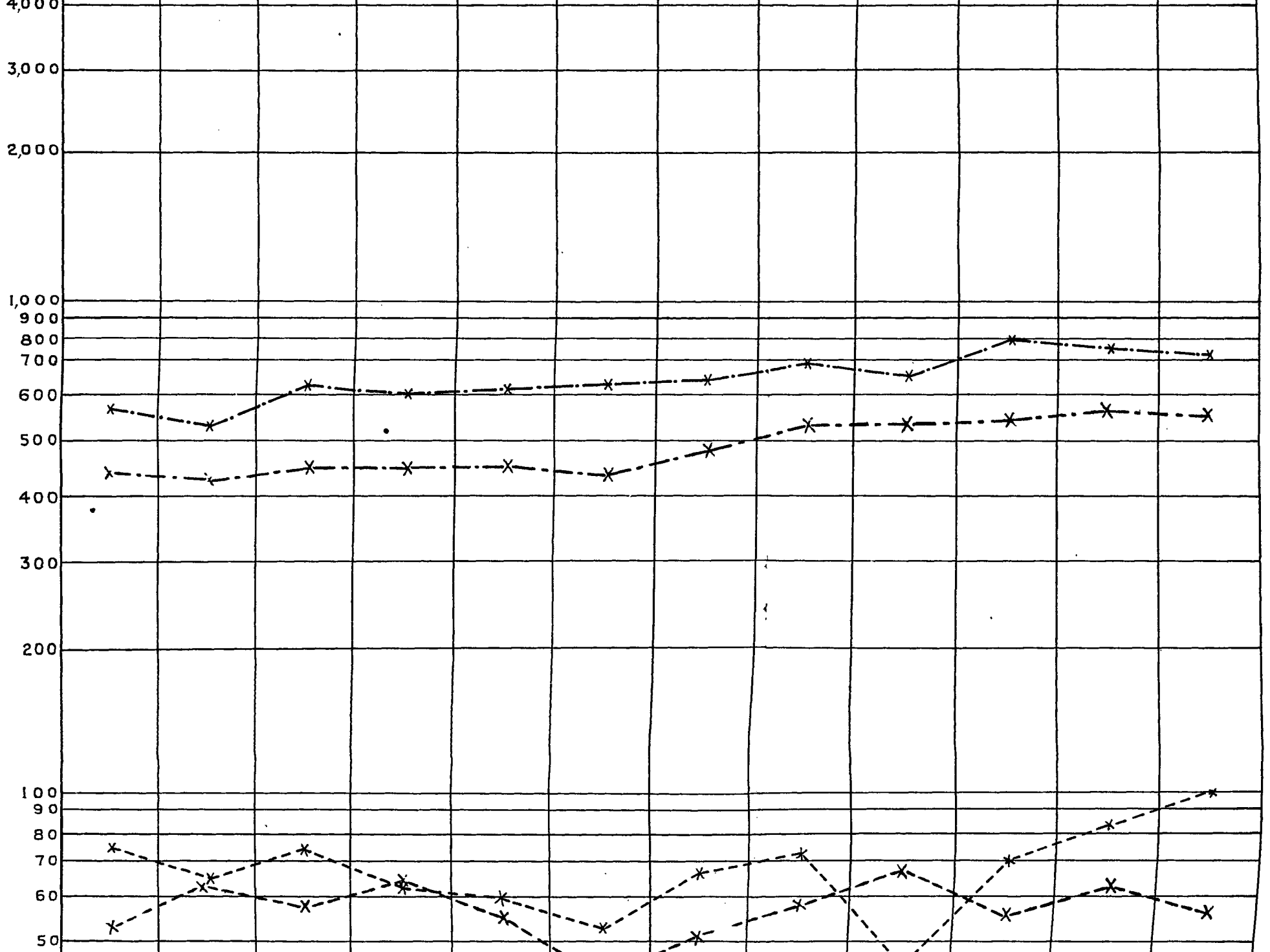
Name of Department.	New admissions.	Old cases.	Total attendance.
Medical	19,852	30,408	50,260
Surgical	13,089	28,825	41,914
Ophthalmic	4,759	10,092	14,851
Gynæcological	2,196	7,931	10,127
Aural	2,607	7,177	9,784
Dental	1,776	1,470	3,246
Skin and Venereal*	3,881	10,353	14,234
Total ..	48,160	96,256	1,44,416

* Skin and Venereal—2,116 of these were skin patients, 573 were cases of Syphilis (primary, secondary and tertiary manifestations of skin), 391 were cases of gonorrhœa and 102 of other venereal conditions. In the case of the remaining patients, they have ceased attending the Hospital before the exact nature of the diagnosis could be established.

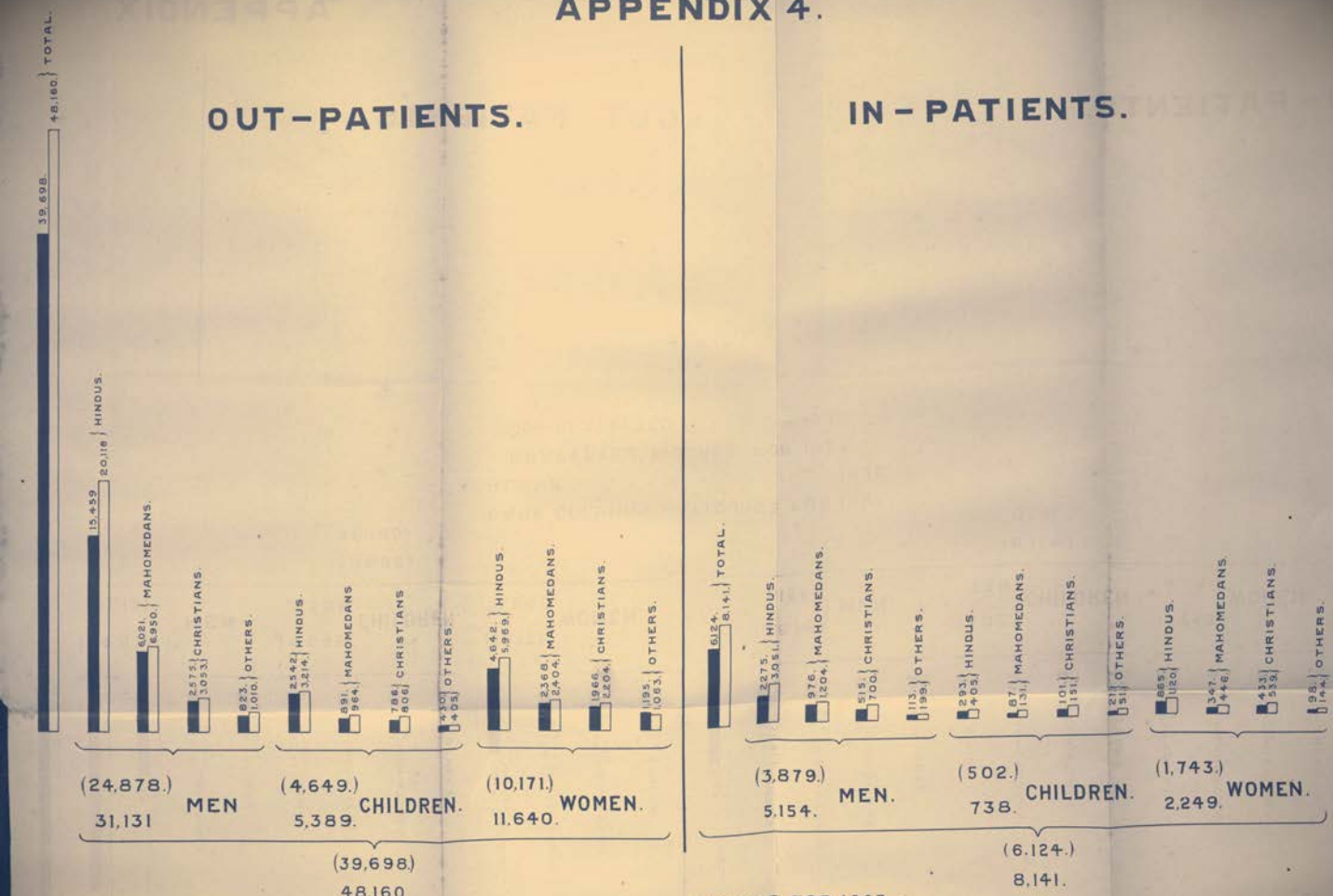
15,0
14,0
13,0
12,0
11,0
10,0
9.0

TIME

LIBRARY
OF THE
BOMBAY
BRANCH
OF THE
ROYAL ASIATIC SOCIETY.


4,000
3,000
2,000
1,000
900
800
700
600
500
400
300
200
100
90
80
70
60
50

APPENDIX 4.



DARK COLUMNS = FIGURES FOR 1927.
BLANK " = " " 1928.
BRACKETED FIGURES FOR 1927.
NON-BRACKETED " " 1928.

APPENDIX 4.

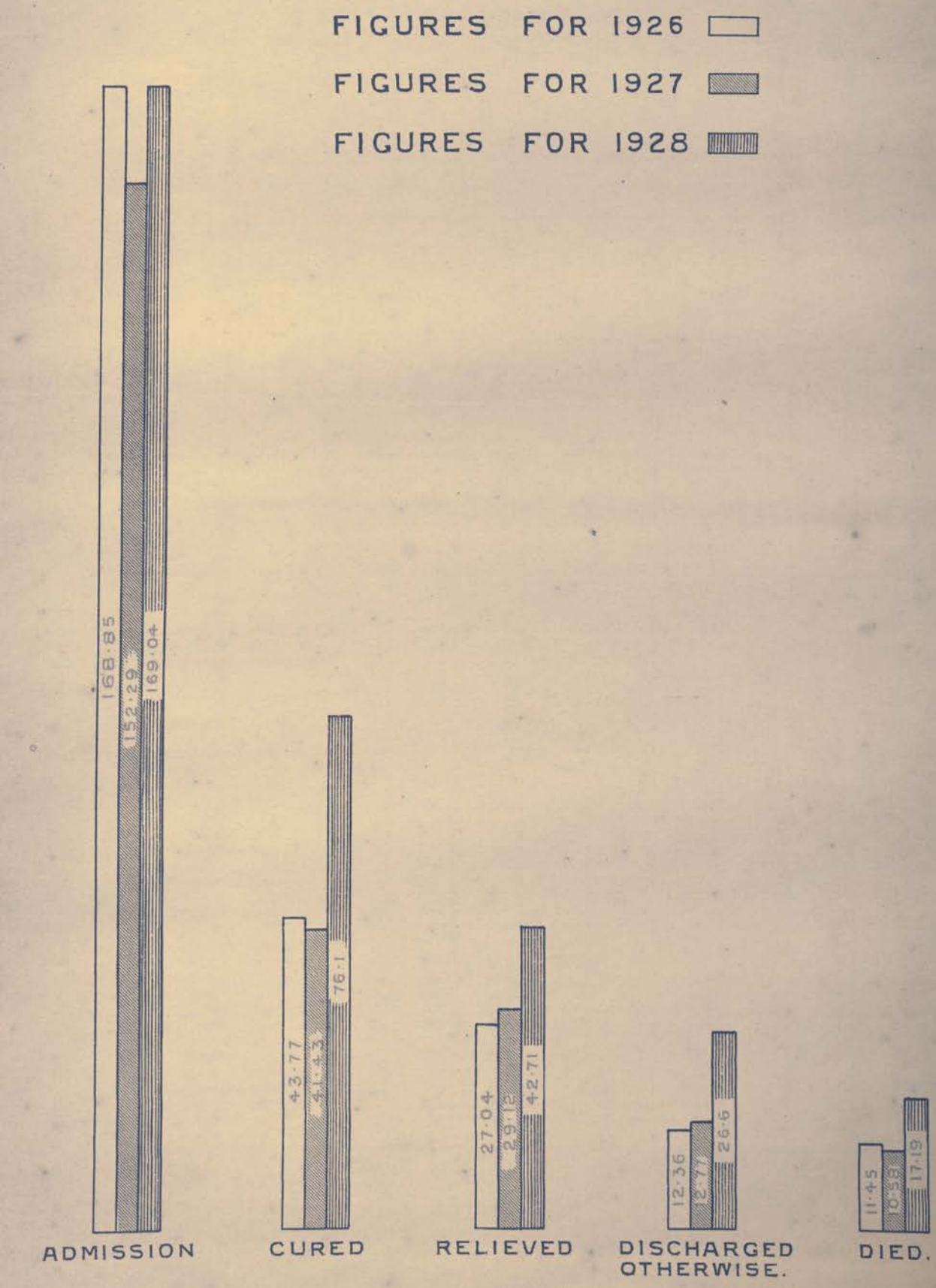
Summary of Patients treated at the King Edward VII Memorial Hospital according to Sex, Age and Caste, for the year 1928.

	Hindus.				Musalmans.				Christians.				Others.				Total.				Total of Patients.
	Men.	Women	Children.		Men.	Women.	Children.		Men.	Women.	Children.		Men.	Women.	Children.		Men.	Women.	Children.		
			Male.	Female.			Male.	Female.			Male.	Female.			Male.	Female.			Male.	Female.	
Remained .. In-patients ..	108	44	6	6	48	27	3	1	22	17	1	3	3	3	1	2	181	91	11	12	295
Admitted .. In-patients ..	2,943	1,076	254	139	1,156	419	65	62	678	522	75	72	196	141	32	16	4,973	2,158	426	289	7,846
Admitted .. Out-patients ..	20,118	5,969	1,907	1,307	6,950	2,404	563	401	3,053	2,204	418	388	1,010	1,063	225	180	31,131	11,640	3,113	2,276	48,160
Total treated .. In-patients ..	3,051	1,120	260	145	1,204	446	68	63	700	539	76	75	199	144	33	18	5,154	2,249	437	301	8,141
Total treated .. Out-patients ..	20,118	5,969	1,907	1,307	6,950	2,404	563	401	3,053	2,204	418	388	1,010	1,063	225	180	31,131	11,640	3,113	2,276	48,160
Discharged cured .. In-patients ..	1,365	472	115	59	495	157	27	26	339	298	49	50	103	74	25	11	2,302	1,001	216	146	3,665
Relieved .. In-patients ..	775	296	42	21	345	131	14	7	211	124	9	4	49	24	2	3	1,380	575	67	35	2,057
Discharged otherwise or absented. In-patients ..	431	176	49	37	212	108	14	20	78	60	9	14	33	33	5	2	754	377	77	73	1,281
Died .. .. In-patients ..	368	113	44	21	119	33	11	8	50	31	6	6	10	5	1	2	547	182	62	37	828
Remaining .. In-patients ..	113	63	10	7	33	17	2	2	22	26	3	1	4	8	...	...	171	114	15	10	310

APPENDIX 5.

CHART COMPARING RESULTS FOR 1926, 1927 & 1928.

IN-PATIENT ADMISSIONS
PER THOUSAND OF OUT-PATIENT & CASUALTY ATTENDANCE.



APPENDIX 6.

Summary of Patients treated according to nature of diseases for the year 1928.

Names of Diseases.	In-Patients.								Out-patients admitted.
	Remained.	Admitted.	Total.	Cured.	Relieved.	Otherwise.	Died.	Remaining.	
Diseases caused by Infection.									
Cholera, Asiatic	..	..	..	..	..	..	..	..	..
Dysentery	4	176	180	89	49	11	29	2	573
Enteric Fever	4	99	103	52	4	10	35	2	92
Gonococcal Infection	3	67	70	13	46	7	2	2	658
Syphilis (Primary & Secondary)	7	147	154	27	98	15	4	10	1,155
Kala Azar	..	1	1	1	1	..	..	..	3
Leprosy	1	5	6	2	4	..	..	..	49
Malaria	6	431	437	304	102	18	7	6	5,053
Plague	..	4	4	..	..	3	1	..	10
Influenza	..	17	17	10	6	1	..	..	56
Relapsing Fever	..	..	..	..	..	..	..	..	..
Pneumococcal infection of the lungs	7	192	199	94	7	12	80	6	245
Pyrexia of uncertain origin	..	9	9	3	2	3	1	..	405
Rheumatic Fever	2	35	37	16	18	2	1	..	493
Small-pox	..	7	7	..	2	5	..	..	4
Tuberculosis of the lungs Other tubercular diseases	32	472	504	81	141	198	65	19	1,213
Animal Parasites.									
Ankylostoma	..	2	2	..	1	..	1	..	1
Round Worms	..	5	5	4	..	1	..	..	140
Other Worms	3	61	64	42	12	7	2	1	1,698
All other infective diseases	2	126	128	47	11	10	56	4	199
Other General Diseases.									
Anæmia	4	148	152	17	75	27	21	12	388
Diabetes	1	27	28	4	12	5	5	2	33
Scurvy	..	1	1	..	1	..	..	..	5
Beri-Beri	..	..	..	..	..	..	..	..	2
Rickets	1	11	12	1	7	4	..	..	109
Other diseases due to disorders of nutrition and metabolism	..	..	..	..	..	..	..	..	..
Diseases of the ductless or endocrine glands	..	5	5	2	..	1	..	2	15
New Growth.									
Non-malignant	2	114	116	68	14	26	2	6	213
Malignant	9	167	176	34	45	59	28	10	179
All other General Diseases	..	92	92	34	21	23	9	5	194
Systematic Diseases.									
Diseases of the nervous system—									
Diseases of the nerves, spinal cord, brain and meninges	5	93	98	8	45	26	12	7	162
Diseases of which the Pathological basis is not accurately known	8	178	186	17	89	52	20	8	881
Mental Diseases	..	14	14	..	4	10	..	..	44
Diseases of the Eye	24	660	684	359	211	87	1	26	3,990
„ „ „ Ear	..	53	53	29	16	6	1	1	882
„ „ „ Nose	3	457	460	427	27	5	..	1	909
„ „ „ Circulatory system	11	193	204	15	87	33	65	4	302
All diseases of the Respiratory system except Pneumonia and Tuberculosis of the lungs	10	416	426	147	109	45	111	14	2,399
Diseases of the stomach	2	60	62	8	36	12	2	4	952

APPENDIX 6—*concld.*

Summary of Patients treated according to nature of diseases for the year 1928—*contd.*

Names of Diseases.	In-Patients.								Out-patients admitted.
	Remained.	Admitted.	Total.	Cured.	Relieved.	Otherwise.	Died.	Remaining.	
Systematic Diseases—contd.									
Diseases of the intestines ..	26	617	643	344	127	88	51	33	2,502
Abscess of the liver	5	98	103	45	28	13	11	6	126
All other diseases of the liver ..	..	13	13	4	2	4	3	..	38
All other diseases of the digestive system	2	81	83	28	25	21	7	2	2,350
Acute and suppurative inflammation of the Lymphatic glands .	2	34	36	14	14	6	2	..	378
Acute and chronic Nephritis ..	4	68	72	6	41	13	9	3	53
All other diseases of the urinary organs	2	129	131	47	25	51	4	4	295
Other diseases of the Generative system	37	588	625	424	92	68	11	30	2,091
Diseases of the organs of Locomotion	10	133	143	51	42	43	1	6	898
Diseases of the areolar tissue ..	9	389	398	277	51	27	31	12	1,069
Inflammation ulcerative	..	...	..	..	...	..	..	..	..
Other diseases of the skin ..	..	59	59	32	15	4	8	..	975
All other local diseases	18	395	413	96	78	159	50	30	8,017
General and Local.									
Injuries (general and local) ..	29	615	644	309	186	58	70	30	5,318
Poisoning.									
By opium	..	11	11	8	1	..	2	..	2
By other means	..	70	70	35	26	2	7	..	219
Labour.									
Pregnancy	..	1	1	..	1	..	..	..	123
Abnormal	..	..	..	..	..	..	..	..	..
Total ..	295	7,846	8,141	3,665	2,057	1,281	828	310	48,160

APPENDIX 7.

Classification of Operations performed in the Surgical Department during the year 1928.

Nature of Operation.	In-door.										Out-door.
	Remained as per Last Report.	Number of Operations.			Number of Patients operated on.	Results.				Remaining under treatment.	Patients operated on.
		Principal.	Secondary.	Total.		Cured.	Relieved.	Discharged otherwise.	Died.		
Tumours.—											
Excision of—											
Lipoma	1	5	..	5	5	5	1	..	..	..	19
Fibroma	..	1	..	1	1	1	..	..	..	..	5
Neuro-fibroma	..	2	..	2	2	2	..	..	..	..	..
Chondroma	..	1	..	1	1	1	..	..	..	..	..
Osteoma	..	4	1	5	4	4	..	..	..	..	..
Glioma	..	1	..	1	1	1	..	..	..	..	..
Myoma	..	1	..	1	1	1	..	..	..	..	..
Angioma	..	1	..	1	1	1	..	..	..	..	1
Papilloma	..	..	..	..	..	..	..	..	..	..	2
Carcinoma	..	3	..	3	3	2	1	..	..	..	..
Sarcoma	..	1	..	1	1	1	..	..	..	..	..
Cysts.—											
Removal of— Sebacious Cyst	..	2	..	2	2	2	..	..	..	..	38
Dermoid Cyst	..	..	..	..	..	..	..	..	..	..	3
Destruction by—											
Diathermy	..	20	..	20	20	8	9	..	2	1	..
Aspiration of a cyst for diagnostic purposes	..	2	..	2	2	2	..	..	..	..	..
Abscess.—											
Acute abscess—Incision and drainage.	5	117	3	120	117	107	11	1	3	..	464
Chronic abscess—Aspiration	1	11	1	12	11	5	5	1	..	1	29
Incision	..	5	..	5	5	2	2	..	..	1	8
Foreign Bodies.—											
For Internal passages	..	1	..	1	1	1	..	..	..	..	..
Embedded in tissues		1	..	1	1	1	..	..	..	..	1
Circulatory System—											
Arteries.—											
Lig. for Hæmorrhage	..	2	..	2	2	1	..	1	..	..	..
Inj. of alcohol into arterial sheath	..	1	..	1	1	..	..	..	..	1	..
Aneurysm.—											..
Lig. of artery—Proximal	..	3	..	3	3	2	..	..	..	1	..
„ „ —Distal	..	1	..	1	1	1		..	..	..	..
Matas' Operation	..	3	..	3	3	2	1	..	..	..	..

APPENDIX 7—*contd.*

Classification of Operations performed in the Surgical Department during the year 1928—*contd.*

Nature of Operation.	In-Door.										Out-Door.
	Remained as per Last Report.	Number of Operations.			Number of Patients operated on.	Results.				Remaining under treatment.	Patients operated on.
		Principal.	Secondary.	Total.		Cured.	Relieved.	Discharged otherwise.	Died.		
VEINS.—											
Trendelenburgs' Operation for Varicosity	..	1	..	1	1	1	..	..	..	..	..
Inj. for Varicosity	..	1	..	1	1	1	..	..	..	..	7
LYMPHATIC SYSTEM AND LYMPHATIC GLANDS.—											
Excision of Lymphatic glands for—											
(1) Tuberculosis	..	24	..	24	24	18	2	2	..	2	4
(2) Syphilis	..	..	..	..	..	..	..	..	..	..	..
(3) Cancer	..	5	2	7	5	1	3	..	1	..	..
Incision and scraping for tuberculous glands	..	9	1	10	9	3	6	..	..	..	17
Incision and drainage of suppurative glands	..	4	..	4	4	1	3	..	..	..	2
Lymphangioma—Diathermy	..	..	..	..	..	..	..	..	..	..	..
Suture of thoratic duct	..	..	..	..	..	..	..	..	..	..	..
SKIN AND SUBCUTANEOUS TISSUES.—											
Excision of cicatrix	..	3	2	5	3	1	1	..	..	1	..
Plastic operations for deformity or malformations	..	2	..	2	2	..	..	1	..	1	..
Skin—Grafting—											
(1) Thierschi's Method	1	8	..	8	8	9	..	..	..	..	..
(2) Pedicle graft	..	1	1	2	1	..	..	..	..	1	..
Whitlow—Incision	..	1	..	1	1	1	..	..	..	..	106
Scraping of Sinus	..	8	..	8	8	3	3	..	..	2	21
Suture of wounds	..	8	..	8	8	6	1	..	1	..	..
Removal of foreign body	..	1	..	1	1	..	..	1	..	..	3
Excision of corns and warts	..	..	..	..	..	..	..	..	..	..	7
Scraping ulcer or sinus of tuberculous origin	..	2	..	2	2	..	1	1	..	..	1
INCISION FOR—											
(1) Cellulitics	..	39	..	39	39	22	2	..	10	5	20
(2) Boils	..	..	..	..	..	..	..	..	..	..	30
(3) Carbuncle	..	3	..	3	3	2	1	..	..	..	..
(4) Guinea worm cellulities	..	2	..	2	2	2	..	..	..	..	..
(5) Snake Bite	..	1	..	1	1	1	..	..	..	..	..
MUSCLES, TENDONS BURSA AND FASCIA—											
Tenotomy	..	4	..	4	4	2	1	1	..	..	2
Tendon transplantation	..	1	..	1	1	..	..	1	..	..	..
Ganglion-Excision	..	1	..	1	1	1	..	..	..	..	1

APPENDIX 7—*contd.*

Classification of Operations performed in the Surgical Department during the year 1928—*contd.*

Nature of Operation.	In-Door.										Out-Door.
	Remained as per Last Report.	Number of Operations.			Number of patients operated on.	Results.				Remaining under treatment.	Patients operated on.
		Principal.	Secondary.	Total.		Cured.	Relieved.	Discharged otherwise.	Died.		
AMPUTATIONS—											
For Injury to—											
Arm-middle third	..	2	..	2	2	1	1	..	..	..	..
Fore-arm-upper third	..	1	..	1	1	..	..	1	..	..	..
Fore-arm-middle third	..	2	..	2	2	2	..	..	..	..	..
Fore-arm-lower third	..	1	1	2	1	1	..	..	..	..	..
Wrist	..	1	..	1	1	1	..	..	..	..	..
Meta-Carpus	..	2	..	2	2	2	..	..	..	..	1
Finger	..	2	..	2	2	1	..	..	1	..	7
Phalanges	..	1	..	1	1	1	..	..	..	..	..
Thigh-middle third	..	1	..	1	1	..	..	..	1	..	..
Leg-upper third	..	5	..	5	5	4	..	..	1	..	..
Foot	..	1	..	1	1	..	..	..	..	1	2
Toes	..	..	1	1	..	..	..	..	..	..	..
For Diseases—											
Arm-lower third	..	16	..	16	16	..	16	..	..	..	..
Fore-arm-upper third	..	1	..	1	1	..	1	..	..	..	..
Fore-arm-lower third	..	1	..	1	1	..	1	..	..	..	..
Wrist	..	9	..	9	9	..	4	5	..	..	..
Meta-Carpus	..	2	..	2	2	2	..	..	..	..	..
Thumb	..	1	..	1	1	1	..	..	..	..	..
Leg-upper third	..	2	..	2	2	1	1	..	..	..	..
Leg-middle third	..	1	..	1	1	..	..	..	1	..	..
Leg-lower third	..	4	..	4	4	2	1	..	..	1	..
Toes	..	1	..	1	1	..	1	..	..	..	..
Foot	..	2	..	2	2	1	..	1	..	..	..
Phalanges	..	3	..	3	3	1	2	..	..	..	..
SKULL, BRAIN, SPINAL CORD AND NERVOUS SYSTEM—											
Trephining	..	2	..	2	2	1	..	..	1	..	..
Elevation of depressed bone	..	2	..	2	2	2	..	..	..	..	..
Inj. of alcohol into Gasserian ganglion	..	1	..	1	1	..	..	1	..	..	..
Operation for Meningocele	..	1	..	1	1	1	..	..	..	..	..
Suture of Nerves	..	1	..	1	1	..	1	..	..	..	..
Neurotomy	..	..	..	..	..	..	..	..	..	..	..

APPENDIX 7—*contd.*

Classification of Operations performed in the Surgical Department during the year 1928.

Nature of Operation.	In-Door.										Out-Door.
	Remained as per Last Report.	Number of Operations.			Number of patients operated on.	Results.				Remaining under treatment.	Patients operated on.
		Principal.	Secondary.	Total.		Cured	Relieved.	Discharged otherwise.	Died.		
SPINE—											
Laminectomy	..	2	..	2	2	..	..	..	2	..	..
BONES—											
Osteotomy for Genu Valgum ..	1	3	..	3	3	3	..	..	..	1	..
Osteotomy for Genu Varum ..	..	2	..	2	2	2	..	..	..	..	..
Correction of deformity by fracture.	1	2	..	2	2	2	1	..	..	..	..
Sequestrotomy	2	7	..	7	7	4	2	2	..	1	3
Evacuation of abscess	..	..	..	..	..	..	..	..	..	..	1
Incision for Osteomyelitis	..	16	..	16	16	11	4	1	..	..	..
Scraping T. B. Sinus	2	19	1	20	19	8	8	3	..	2	4
SETTING OF FRACTURES—											
Closed method	..	..	..	..	..	..	..	..	..	..	2
Open method—											
(*a*) Wiring	1	1	..	1	1	1	1	..	..	..	..
(*b*) Plating	..	5	..	5	5	4	..	..	1	..	..
(*c*) Extra capsular suture	..	5	..	5	5	5	..	..	..	..	..
(*d*) Simple approximation ..	..	1	..	1	1	1	..	..	..	..	..
Bone grafting	..	1	..	1	1	..	..	..	..	1	..
JOINTS—											
Operation for recurrent dislocation of shoulder joint..	..	2	..	2	2	1	1	..	..	..	..
Reduction of dislocation shoulder Open	..	1	..	1	1	..	..	1	..	..	2
Closed	..	2	..	2	2	2	..	..	..	..	1
PASSIVE MOVEMENT—											
Aspiration of joint	..	2	1	3	2	..	2	..	..	..	2
Excision of joint	1	5	..	5	5	4	1	..	..	1	..
Breaking down adhesions	1	..	..	..	..	..	1	..	..	..	4
Arthroplasty	1	..	..	..	..	..	..	..	1	..	..
FACE AND MOUTH—											
Rhinoplasty	1	5	..	5	5	4	1	..	..	1	..
For Harelip	..	4	..	4	4	2	..	2	..	..	..
For Cleft palate	..	1	1	2	1	..	..	..	1	..	..
Excision of growth	..	..	..	..	..	..	..	..	..	..	2
Epulis	..	1	..	1	1	1	..	..	..	..	..
Ranula	..	1	..	1	1	1	..	..	..	..	..
Excision of Tongue partial for cancer	..	5	..	5	5	4	1	..	..	..	..

APPENDIX 7—*contd.*

Classification of Operations performed in the Surgical Department during the year 1928—*contd.*

Nature of Operation.	In-Door.										Out-Door
	Remained as per Last Report.	Number of Operations.			Number of Patients operated on.	Results.				Remaining under treatment.	Patients operated on.
		Principal.	Secondary.	Total.		Cured.	Relieved.	Discharged otherwise.	Died.		
Ductless Glands—											
Thyroid—											
Partial excision of thyroid	..	2	..	2	2	2	..	..	..	..	..
Laryngoscopy	..	1	..	1	1	1	..	..	..	..	..
Breast—											
Acute abscess—Incision and drainage.	..	6	..	6	6	5	1	..	..	..	16
Radical cure for Carcinoma	..	14	..	14	14	10	1		3	..	..
Amputation of breast—											
Fibro-adenoma	..	2	..	2	2	2	..	..	..	..	..
Gynaecomastia	..	1	..	1	1	1	..	..	..	..	1
Thoraxic Cavity—											
Thoracotomy	..	1	..	1	1	1	..	..	..	..	..
Excision of ribs	..	3	1	4	3	2	1	..	..	..	..
Abdomen—											
Incision of abscess abdominal wall	..	7	..	7	7	7	..	..	..	..	..
Laparotomy—											
For Malignant disease	..	2	..	2	2	1	..	1	..	..	..
For Tuberculosis of intestines	..	10	..	10	10	2	4	3	1	..	..
For internal Hernia	..	1	..	1	1	..	..	..	1	..	..
For perforative Peritonitis	..	2	..	2	2	..	..	..	..	2	..
For Stab wound	..	4	..	4	4	2	..	..	2	..	..
Stomach and Intestines—											
Gastrostomy	..	4	..	4	4	2	1	..	1	..	..
Gastrectomy-partial for ulcer	..	1	..	1	1	1	..	..	..	..	..
Gastro-enterostomy—											
For Gastric ulcer	..	1	..	1	1	1	..	..	..	..	..
For Gastric Cancer	..	1	..	1	1	1	..	..	..	..	..
For Duodenal ulcer	..	1	..	1	1	..	..	..	1	..	..
Jejunostomy	..	1	..	1	1	..	..	..	1	..	..
Resection of intestines large	..	1	..	1	1	1	..	..	..	..	..
Intestinal Anastomosis—Lateral	..	5	..	5	5	3	1	..	1	..	..
Fæcal Fistula repair—Extra-peritonial	..	..	1	1	..	..	..	..	..	..	..
Appendicectomy—											
For acute appendicitis	..	9	2	11	9	9	..	..	..	..	..
For sub-acute appendicitis	4	43	6	49	43	43	2	..	1	1	..
Appendicular abscess—Incision and drainage	..	4	..	4	4	1	2	..	1	..	..

APPENDIX 7—*contd.*

Classification of Operations performed in the Surgical Department during the year 1928—*contd.*

Nature of Operation.	In-Door.										Out-Door.
	Remained as per Last Report.	Number of Operations.			Number of Patients operated on.	Results.				Remaining under treatment.	Patients operated on.
		Principal.	Secondary.	Total.		Cured.	Relieved.	Discharged otherwise.	Died.		
External Hernia—											
For Strangulated—Inguinal	..	4	..	4	4	3	..	1	..	..	..
Radical Cure—Inguinal	3	91	1	92	91	81	1	..	1	11	..
„ „ —Ventral	..	6	..	6	6	5	..	..	..	1	..
Sigmoidoscopy	..	2	..	2	2	..	..	..	..	..	1
Liver and Billiary Apparatus—											
Liver abscess—Aspiration	..	11	1	12	11	7	3	..	..	1	..
„ „ —Incision and drainage	..	1	..	1	1	..	1	..	..	..	..
Ascites—Omentopexy	..	1	..	1	1	..	..	..	1	..	..
„ —Winter's Operation	..	4	..	4	4	1	1	..	2	..	..
Cholecystectomy	..	2	..	2	2	..	..	..	2	..	..
Cholecystostomy	1	1	..	1	1	1	1	..	..	..	..
Cholecyst—Gastrostomy	..	1	..	1	1	1	..	..	..	..	..
Operations on Rectum and Anus—											
For Fistula-in-ano	1	38	1	39	38	31	6	..	..	2	5
For Fissure-in-ano	..	1	..	1	1	1	..	..	..	..	8
Hæmorroids—Lig. and excision	..	61	1	62	61	52	4	3	..	2	8
„ —White Head's Operation	..	1	..	1	1	1	..	..	..	..	..
„ —Inj. of Carbolic	..	..	..	..	..	..	..	..	..	..	32
Polypus—excision	..	1	..	1	1	1	..	..	..	..	..
Prolapse	..	1	..	1	1	..	..	..	1	..	..
Dilatation for rectal stricture	..	3	..	3	3	1	1	..	1	..	..
Ischio—rectal abscess—Incision and drainage	..	9	1	10	9	6	3	..	..	..	6
Spleen—											
Splenectomy for rupture	..	1	..	1	1	..	..	..	1	..	..
Kidney and Ureter—											
Nephropexy	..	2	..	2	2	2	..	..	..	..	..
Nephrolithotomy	..	3	..	3	3	3	..	..	..	..	..
Nephrectomy	..	1	..	1	1	..	..	..	1	..	..
Bladder—											
Cystotomy Supra-pubic	1	5	..	5	5	3	1	..	1	1	..
Lithotomy „	..	20	1	21	20	17	..	1	1	..	..
Litholepexy	1	2	..	2	2	2	1	..	..	..	..
Cystoscopy	..	7	3	10	7	..	..	..	..	..	3

APPENDIX 7—*concld.*

Classification of Operations performed in the Surgical Department during the year 1928—*concld.*

Nature of Operation.	In-Door.										Out-Door.
	Remained as per Last Report.	Number of Operations.			Number of Patients operated on.	Results.				Remaining under treatment.	Patients operated on
		Principal.	Secondary.	Total.		Cured.	Relieved.	Discharged otherwise.	Died.		
BLADDER—*contd*											
Removal of Prostate—Perineal ..	..	1	..	1	1	1	..	..	..	..	..
„ „ —Supra-pubic	1	4	..	4	4	3	..	..	1	1	..
Removal of Calculous from Prostate	..	1	..	1	1	1	..	..	..	..	..
Dilatation of Stricture—Gradual ..	..	2	..	2	2	1	1	..	..	..	14
Urethrotomy, internal	..	3	..	3	3	3	..	..	..	..	..
Urethrotomy, external	..	5	..	5	5	4	..	..	..	1	..
Removal of foreign body from urethra	..	1	..	1	1	..	..	..	..	1	2
MALE GENERATIVE ORGANS—											
Meatotomy	..	..	..	..	..	..	..	..	..	..	1
Circumcision	..	3	..	3	3	1	2	..	..	..	68
Paraphymosis—Dorsal Incision ..	..	1	..	1	1	..	1	..	..	..	11
Amputation of Penis—Partial ..	..	..	..	..	..	..	..	..	..	..	2
„ „ „ —Complete for Phagidina ..	..	1	..	1	1	..	..	..	..	1	..
„ „ „ for Carcinoma	..	1	..	1	1	1	..	..	..	..	..
Orchidopexy	..	1	..	1	1	1	..	..	..	..	..
Orchidectomy—Tuberculosis ..	..	3	..	3	3	3	..	..	..	..	..
„ „ —Gangrene or sepsis	..	5	..	5	5	5	..	..	..	..	..
„ „ —New growth ..	..	4	..	4	4	4	..	..	..	..	..
Aspiration, tunica vaginalis ..	..	3	..	3	3	2	1	..	..	..	61
Hydrocele—Eversion of the sac ..	6	105	..	105	105	104	1		..	6	1
„ —Partial excision of the sac	..	35	..	35	35	35	..	..	..	..	..
Hæmatocele—Incision with eversion of or excision of the sac	..	2	1	3	2	2	..	..	..	..	..
Pyocele—Incision and drainage ..	..	13	..	13	13	8	3	..	2	..	..
For elephantiasis scrotum	..	1	..	1	1	1	..	..	..	..	..
Total ...	37	1,082	36	1,118	1,082	810	151	36	55	58	1,062

APPENDIX 8.

Classification of Operations performed in the Gynæcological Department during the year 1928.

Nature of Operation.	In-Door.										Out-Door.
	Remained as per Last Report.	Number of Operations.			Number of Patients operated on.	Results.				Remaining under treatment.	Patients operated on.
		Principal.	Secondary.	Total.		Cured.	Relieved.	Discharged otherwise.	Died.		
Operations on Female Generative Organs—											
Exploratory Laparotomy	1	11	..	11	11	6	5	..	1	..	..
Ovariotomy—Single	..	9	..	9	9	9	..	..	..	..	..
„ —Double	..	3	1	4	3	2	..	..	1	..	..
Oophorectomy—Single	..	5	1	6	5	3	..	..	..	2	..
„ —Double	..	..	..	..	..	..	..	..	..	..	..
Resection of Ovary	..	1	9	10	1	1	..	..	..	..	..
Salpingectomy	1	13	9	22	13	12	1	..	1	..	..
Salpingostomy	..	1	6	7	1	1	..	..	..	..	..
Salpingo-Oophorectomy	4	36	24	60	36	28	6	1	..	5	..
Salpingectomy for Ectopic Gestation	..	1	..	1	1	..	..	..	..	1	..
Incision and drainage of Pyosalpinx	..	1	1	2	1	1	..	..	..	..	..
Removal of Broad Ligament Cyst	..	1	..	1	1	1	..	..	..	..	..
Myomectomy	..	4	..	4	4	4	..	..	..	..	..
Subtotal Hysterectomy	..	21	..	21	21	19	..	..	1	1	..
Total Hysterectomy	..	8	..	8	8	5	..	..	..	3	..
Wertheims Operation	..	2	..	2	2	2	..	..	..	..	..
Ventrisuspension Uteri—											
(1) Gilliams	..	5	..	5	5	5	..	..	..	..	..
(2) Modified Gilliams	2	39	13	52	39	33	3	..	..	5	..
(3) Webster Baldy's	2	14	..	14	14	14	2	..	..	..	..
Ventri fixation Uteri	1	1	10	11	1	1	1	..	..	..	..
Removal of Polypus—											
(*a*) Uterine	..	5	..	5	5	5	..	..	..	..	..
(*b*) Cervical	..	3	..	3	3	3	..	..	..	..	..
Amputation Cervix	..	4	..	4	4	4	..	..	..	..	..
Trachelorraphy	..	8	..	8	8	8	..	..	..	..	..
Dilatation and Curettage	..	54	7	61	54	40	12	..	..	2	..
Dilatation of cervix	..	5	..	5	5	5	..	..	..	..	..
Curettage of Uterus	..	1	3	4	1	1	..	..	..	..	..
Cauterisation cervix	..	6	2	8	6	6	..	..	..	..	..
Plastic operations on Vagina—											
(1) Colporrhaphy	..	7	5	12	7	7	..	..	..	..	..
(2) Colpoperineorrhaphy	..	11	5	16	11	5	2	..	..	4	..
(3) Perineorrhaphy	2	17	9	26	17	17	2	..	..	..	..
(4) Le Fort's Operation	1	2	..	2	2	2	1	..	..	..	..
Removal of Vaginal Cyst	..	3	..	3	3	3	..	..	..	..	..
Repair of Vesico-vaginal Fistula	..	3	..	3	3	3	..	..	..	..	..
Repair of Vaginal Atresia	..	1		1	1	1	..	..	..	..	..
Incision and Drainage—Bartholinian Abscess	1	3	..	3	3	3	1	..	..	..	..
Scraping Bartholinian Sinus	..	1	..	1	1	1	..	..	..	..	..
Excision of Vulval Growths	..	2	..	2	2	1	1	..	..	..	..
Excision of Urethral caruncle	..	1	..	1	1	1	..	..	..	..	..
Cystoscopy	..	4	..	4	4	4	..	..	..	..	..
Appendicectomy	..	2	11	13	2	2	..	..	..	..	..
Replacement of Incarcerated Gravid Uterus by Laparotomy	..	1	..	1	1	1	..	..	..	..	..
Supra public Lithotomy	..	1	..	1	1	..	..	..	..	1	..
Repair of Ventral Hernia	..	1	..	1	1	1	..	..	..	..	..
Incision and Drainage—Umbilical abscess	..	1	..	1	1	1	..	..	..	..	..
„ Lumber abscess	..	1	..	1	1	1	..	..	..	..	..
Removal of Piles	..	..	4	4	..	..	..	..	..	..	..
Total	15	324	120	444	324	273	37	1	4	24	..

APPENDIX 9.

Classification of Operations performed in the Ophthalmic Department during the year 1928.

Nature of Operation.	In-Door.										Out-Door.
	Remained as per Last Report.	Number of Operations.			Number of Patients operated on.	Results.				Remaining under treatment.	Patients operated on.
		Principal.	Secondary.	Total.		Cured.	Relieved.	Discharged otherwise.	Died.		
Operations on the Eye—											
Operations on the eye-lid—											
For Entropian	..	3	..	3	3	2	1	..	..	..	27
For Trichiasis	..	..	..	..	..	..	..	..	..	..	4
For Trachoma	..	..	..	..	..	..	..	..	..	..	11
For New growth	..	2	..	2	2	..	..	..	..	2	..
For Stye	..	..	..	..	..	..	..	..	..	..	61
For Ptosis	..	1	..	1	1	1	..	..	..	..	...
Operations on the other Appendages of the eye :—											
For Strabismus	..	1	..	1	1	1	..	..	..	..	..
For Pterygium	..	1	..	1	1	1	..	..	..	..	24
For Disease of the Lacrymal sac and obstruction	2	30	8	38	30	21	8	..	1	2	2
On Lacrymal sac	..	4	1	5	4	4	..	..	..	..	11
Operations on the Eye-ball :—											
Peritomy	..	2	..	2	2	..	2	..	..	..	5
Iridectomy	2	67	44	111	67	7	53	5	..	4	1
Corneal section or Cauterisation for Ulcer	..	2	1	3	2	2	..	..	..	..	63
Paracentasis	..	2	1	3	2	..	1	1	..	..	..
Needling for solution of Lens	..	21	173	194	21	11	8	1	..	1	...
Extraction of Lens	13	301	27	328	301	259	32	16	..	16	..
Extraction of foreign Bodies	..	2	..	2	2	1	..	..	..	1	92
Operation for Staphyloma	..	2	..	2	2	2	..	..	..	..	..
Excision of contents of orbits	..	7	..	7	7	7	..	..	..	..	...
Evisceration of Eye-ball	..	11	..	11	11	5	6	..	..	..	..
Deep Cyanide or Saline Injections	..	1	3	4	1	1	..	..	..	..	68
Trephining	1	11	..	11	11	2	9	..	..	1	..
Enucleation of Eye-ball	..	19	1	20	19	5	10	4	..	..	...
Tattooing Cornea	..	1	..	1	1	..	1	..	..	..	..
Total	18	491	259	750	491	323	131	27	1	27	374

APPENDIX 10.

Classification of Operations performed in the Ear, Nose and Throat Department during the year 1928.

Nature of Operation.	In-Door.										Out-Door.
	Remained as per Last Report.	Number of Operations.			Number of Patients operated on.	Results.				Remaining under treatment.	Patients operated on.
		Principal.	Secondary.	Total.		Cured.	Relieved.	Discharged otherwise.	Died.		
MOUTH—											
Excision of Uvula	..	...	...	...	...	...	...	...	...	...	15
Tonsillectomy	..	364	65	429	364	364	...	...	...	...	98
Peritonsillar abscess	..	..	..	...	...	..	...	..	...	..	5
Extraction of teeth	..	..	1	1	...	...	...	...	..	...	128
OPERATIONS ON NOSE AND ACCESSORY SINUSES—											
For deviation of Nasal Septum ...	..	15	..	15	15	10	5	..	..	..	75
For removal nasal-polypus	..	4	..	4	4	2	2	..	..	..	48
Furuncle	..	..	..	..	..	..	..	..	..	..	4
Correction of acquired deformity ..	..	1	..	1	1	1	..	..	..	...	...
Maxillary Sinuses and accessory ...	2	8	..	8	8	8	2	..	..	..	206
Turbinectomy	..	...	..	..	..	..	..	..	..	..	211
OPERATION ON NASO-PHARYNX—											
Removal of adenoids	..	...	..	..	..	..	..	..	..	..	4
Eustutedu Catheterisation	..	...	...	...	...	..	..	..	..	..	5
OPERATIONS ON THE EAR—											
Removal of Polypus	..	..	..	..	...	..	..	..	..	..	2
„ „ Furuncle...	..	...	..	...	..	..	..	..	..	..	7
„ „ Foreign Body	..	1	..	1	1	...	1	..	..	..	2
Myringotomy	..	...	..	..	..	..	..	..	..	..	2
For acute suppurative otitis media ...	...	5	..	5	5	4	1	..	..	..	2
Perforation of Mastoid antrum ...	...	..	...	...	..	..	..	..	..	..	..
Opening of Mastoid antrum(Stacke's)	1	6	1	7	6	2	3	1	1	..	..
Removal of infected mastoid cells (Schwartze's)	..	17	..	17	17	12	2	1	2	..	..
OPERATIONS ON LARYNX AND TRACHEA—											
Tracheotomy	..	5	3	8	5	2	1	..	2	..	..
OPERATIONS ON PHARYNX AND ŒSOPHAGUS—											
Dilatation of stricture...	...	..	..	..	..	..	..	..	..	..	6
Œsophagoscopy	...	2	..	2	2	..	..	..	..	..	6
Cautery Throat	...	...	..	...	...	..	..	..	..	..	6
TOTAL ..	3	423	70	498	428	405	17	2	5	..	832

APPENDIX 11.

(X-Ray and Electro-Therapy Report.)

2,368 Skiagrams (including 55 from the Maratha Hospital) were taken during the year 1928. 1,041 of these were for In-patients (715 men, 286 women and 40 children); 1,327 were for Out-patients (834 men, 385 women and 108 children) including Casualty Cases.

Skiagrams were taken for various Clinical conditions as under:—

—	Male.	Female.	Male Child.	Female Child.	Total.
Fractures	1,031	462	68	62	1,623
Lungs (including 41 male and 14 female cases from the Maratha Hospital) ..	247	94	3	2	346
Heart	24	4	..	..	28
Lungs*	18	4	..	..	22
Pneumoperitoneum	1	..	..	..	1
Barium Meal*	52	13	..	..	65
Barium Enema*	13	12	..	..	25
Stone in the Gall Bladder	11	3	..	..	14
Stone in Kidney, Urethra and Bladder ..	97	33	6	..	136
Pyelography	1	5	..	..	6
Dental	34	13	..	1	48
Injection of lipoidoel in the Fallopian Tubes	..	10	..	..	10
Injection of Iodipin in Canal..	2	1	..	..	3
Œsophagus*	3	1	..	..	4
Foreign Body*	15	16	4	2	37
	1,549	671	81	67	2,368

* Indicates cases where Screening and X-Ray plates were both resorted to.

Screening was done on 249 patients (115 Indoor and 134 Outdoor) as under:—

—	Indoor Patients.		Outdoor Patients.	
	Male.	Female.	Male.	Female.
Chest	24	4	88	31
Barium Meal	63	12	..	..
Heart and Aorta	12	..	3	1
Fractures	..	..	9	2
	99	16	100	34

APPENDIX 11—*Continued.*

X-Ray Treatment was carried out during the same period as under :—

	Indoor Patients.			Outdoor Patients.		
	Male.	Female.	Total.	Male.	Female.	Total.
T. B. Glands	..	1	1	9	2	11
Keloid	..	..	..	3	3	6
Splenomegaly	4	..	4	1	2	3
Goitre	..	..	..	..	1	1
Carcinoma tongue (exposure of glands subsequent to removal of cancerous tissue)	2	1	3	..	2	2
Sarcoma	..	..	..	3	..	3
Spleen	..	..	..	..	..	..
Hypersederois	..	..	..	1	1	2
Total ..	6	2	8	17	11	28

Diathermy was used in 22 cases of Gonorrhœal Complications along with other lines of treatment. Galvanic and Faradic currents have also been used in 23 cases.

Ultra-Violet Ray treatment was given in 71 cases.

APPENDIX 12.

Clinical Laboratory Report.

3,412 Laboratory Investigations were carried out during the year 1928 in the Central Clinical Laboratory (as apart from Ward Laboratories) of the material sent from the Hospital as under:—

Blood Counts	263
Blood cultures	52
Widal Reactions	189
Wassermann Tests	1,634
Kahn Tests	278
Blood Grouping	1
Stool Examination	141
Stool Culture	76
Urine Examination	125
Urine Culture	69
Spinal Fluid Examination	105
Spinal Fluid Culture	11
Pleural Fluid	20
Ascitic Fluid	21
Other Fluid	90
Smears	122
Sputum	29
Auto-Vaccine	44
Gastric Contents	142
Total	3,412

Biochemical Investigations were carried out in the Chemical Pathology Laboratory of the College during the year 1928 as under:—

Non-Protein Nitrogen	20
Urea Nitrogen	76
Uric Acid	8
Sugar	24
Chlorides	28
Calcium	24
Cholesteral	3
Hæmoglobin	14
Volume Index	10
Vanden Bergh Qualitative	8
Vanden Bergh Quantitative	3
Coagulation time	8
Fragility R. B. C.	3
Creatinine	2
Fibrinogen	1
Fatty Acids	2
Urea	11
Sugar	10
Chlorides	3
Uric Acid	2
Fat	1
Albimine	1
C. S. F. Sugar	3
Blood Sugar Curve	32
Urine Sugar Curve	5
Blood Urea Curve	5
Urea Concentration Test	49
Matching of blood for transfusion	7
Total	363

239. Autopsies were performed during the year 1928, of whom 2 bodies were from Arthur Road Hospital. In a large majority of cases, Autopsies were performed on claimed bodies with the consent of the relatives. In the case of every post-mortem, a record of findings in each organ is kept. The Bacteriological Investigations, wherever necessary, and Microscopical Investigations in all cases are carried out.

APPENDIX 13.

Poor Box Charity Fund—Statement of Account for the year 1928-29.

Receipts.				Payments				Remarks. (Gifts other than monetary gifts.)
Particulars.	Amount.			Particulars.	Amount.			
	Rs.	a.	p.		Rs.	a.	p.	
Balance	7,298	13	1	Appliances such as Crutches, Hernia belts, spectacles, Artificial eyes, artificial limbs, etc., supplied to poor patients	1,277	2	0	Mr. V. S. Shirsat presented a Gramaphone (primaphone) for the recreation of patients in Ward No. II.
Out-patient Casualty Department	2,239	4	0					
,, (Medical)	47	0	0					
,, (Surgical)	118	4	0	Clothing to poor patients	31	8	9	
Skin Department	177	9	0	Blood transfusion charges	270	0	0	
X-Ray Department	103	0	0	Travelling expenses paid to poor patients	97	13	9	Dr. R. K. Dhuru, L.R.C.P., L.R.C.S., presented a one-wheeled chair.
Aural Department	174	6	3	Expenses incurred in giving comforts to In-patients of the Hospital	900	6	0	Rao Saheb J. B. Amriti presented one comet motor for the recreation of Children in Ward No. XII-XIII.
Dental Department	12	5	0					
Ward No. I	165	0	0	Printing of Hospital Pharmacopœia	529	1	0	
,, II	95	4	0	Printing	11	4	0	
,, III	114	0	0	Sundries	84	3	9	
,, IV	285	12	0					
,, V	702	0	0	Cost of purchase of Government Securities of the face value of Rs. 21,000	16,155	15	1	Rao Saheb Chunilal G. Munim presented to this Hospital, one negative and one positive copy of the film taken by him of the Hospital day pageant, in aid of Sir Leslie Wilson Hospital Fund.
,, VI	234	12	0					
,, VII	498	12	0	Balance with the Central Bank of India in current account	1,080	13	7	
,, VIII	324	4	0	Cash in hand	159	3	7	
,, IX, X, XI	977	8	0					
,, XII, XIII	508	8	0					
,, XIV-XV	287	0	0					
,, XVI	150	8	0					
,, XVII	103	0	0					
Other collections	3,365	0	6					
Collection on account of issue of Medical Certificates ..	1,699	0	0					
Interest	916	9	8					
Total ..	20,597	7	6	Total ..	20,597	7	6	

EDUCATIONAL.

THE SCHOOLS COMMITTEE

OF THE

BOMBAY MUNICIPALITY.

ADMINISTRATION REPORT FOR THE YEAR 1928-29.

(Approved of and adopted by the Schools Committee under their Resolution No. 346 of 31st August 1929.)

I. THE COMMITTEE.

1. The Committee, as it was constituted at the beginning of the Official yea 1928-29, was composed of the following sixteen Members :—

The Committee's personnel.

Dr. Moreshwar Chintaman Javle, J.P.,
Fazal Ibrahim Rahimtulla, Esq., B.A., M.L.A., J.P.,
B. N. Motivala, Esq., B.A., LL.B.,
Dewan Bahadur A. K. Pai, B.A., J.P.,
Mrs. Shuffi C. Tyabjee, J.P.,
Kanji Karamsey Master, Esq.,
Jehangir B. Boman-Behram, Esq., B.A., LL.B., J.P.,
Mia Mahomed Haji Jan Mahomed Chhotani, Esq.,
Khushaldas K. Parekh, Esq., B.A., LL.B.,
D. G. Dalvi, Esq., M.A., LL.B., *Chairman*,
*Prof. V. G. Rao, B.A., LL.B. (Cantab), Bar-at-Law, O.A., J.P.,
*Mrs. Hansa Mehta, B.A., J.P.,
*Dr. Mrs. Malinibai B. Sukhtankar, M.B.B.S., J.P.,
W. H. Hammond, Esq., M.A., F.R.G.S., J.P.,
R. A. Gole, Esq.,
S. K. Pupala, Esq.,

Members.

A. R. Bhaiji, Esq., B.A., *Ag. Secretary.*

2. The term of Chairmanship of Mr. D. G. Dalvi, M.A., LL.B., having come to an end with the calendar year 1928, the Committee at their meeting held on the 8th January 1929, elected Mr. Jehangir B. Boman-Behram, B.A., LL.B., J.P., to be their Chairman for the calendar year 1929.

The Chairman.

* Non-Councillor Members.

3. The following four Members retired under Section 39 (3) of the Municipal Act from the end of the calendar year 1928 :—

The Members.

1. Dr. M. C. Javle, J.P.
2. B. N. Motivala, Esq., B.A., LL.B.,
3. Dewan Bahadur A. K. Pai, B.A., J.P.,
4. M. M. H. J. M. Chhotani, Esq.

From these, the Corporation re-elected Dr. M. C. Javle and appointed the following three new Members in place of the other Members :—

R. K. Vaidya, Esq., B.A., J.P.

Dr. J. V. Vora, L.M. & S.

D. G. Khairaz, Esq.

Mr. W. H. Hammond resigned his Membership from 21st December 1928 and to the vacancy thus created, the Corporation appointed Dewan Bahadur A. K. Pai, from 7th January 1929.

4. The total number of the Committee's Meetings held during the Official Year was 39 as against 51 of the last year; of these 12 were ordinary Monthly Meetings, 23 Adjourned Meetings and 4 Special ones.

Attendance of Members at the Committee Meetings, etc.

The total number of items disposed of at these meetings was about 690 as against 699 of the previous year.

The following statement shows the attendance of the Members at the Committee's Meetings :—

Names of Members.	Total No. of Meetings attended.	Remarks.
1. Dr. M. C. Javle	23	Retired from 31-12-1928 but was re-appointed from 1-1-1929.
2. Mr. Fazal Ibrahim Rahimtulla ..	14	
3. Mr. B. N. Motivala	*Nil.*	Retired from 31-12-1928.
4. Dewan Bahadur A. K. Pai	28	Retired on 31-12-1928. He was, however, appointed on the Committee from 7-1-1929 in place of Mr. W. H. Hammond, resigned.
5. Mrs. Shuffi C. Tyabjee	37	
6. Mr. K. K. Master	31	
7. Mr. J. B. Boman-Behram	35	Elected Chairman from8-1-1929
8. Mr. M. M. H. J. M. Chhotani ..	*Nil.*	Retired from 31-12-1928.
9. Mr. K. K. Parekh	13	Ceased to be Councillor from 1-4-1929.
10. Mr. D. G. Dalvi	39	Chairman upto 31-12-1928.
11. Prof. V. G. Rao	39	
12. Mrs. Hansa Mehta	36	
13. Dr. Mrs. Malinibai Sukhtankar ..	22	
14. Mr. W. H. Hammond	1	Resigned on 21-12-1928.
15. Mr. R. A. Gole	34	
16. Mr. S. K. Pupala	34	
17. Mr. R. K. Vaidya	11	Appointed on the Committee from 1-1-1929, *vice* Mr. B. N. Motivala, Dewan Bahadur A. K. Pai and Mr. M.M.H.J.M. Chhotani who retired from 31-12-1928.
18. Dr. J. V. Vora	10	
19. Mr. D. G. Khairaz	7	

Sub-Committees.

5. The following four permanent Sub-Committees appointed in the year 1927-28, continued during the year under report also :—

1. The Finance and Establishment Sub-Committee.

2. The New Schools, Rent Control and Sanitation Sub-Committee.

3. The School Instruction and Discipline Sub-Committee.

4. The Grants-in-Aid and Miscellaneous Matters Sub-Committee.

Besides these, there were also some Special Sub-Committees appointed by the Committee to consider references of a special nature, and Smaller Sub-Committees appointed by the above Sub-Committees themselves. The total number of Sub-Committee meetings held during the year was 62 and the number of references disposed of at those meetings came to 182.

The Secretary and the Office Staff.

6. Owing to the reversion of Mr. M. I. Farooqui to Government service in the previous year, the post of the Secretary, Schools Committee, was vacant from 3rd January 1928 and Mr. A. R. Bhaiji, B.A., Superintendent, Municipal Urdu Schools, was holding that post in an acting capacity. At their meeting held on 23rd April 1928, the Municipal Corporation appointed Mr. R. V. Parulekar, M.A. (Bombay), T.D. (Lond.), M.Ed. (Leeds), to the post and he took over charge of his Office as Secretary, Schools Committee, from 15th May 1928.

Of late years, the work in the Secretary's Office having increased very much, great need was felt of an officer to look to the routine work and to exercise general supervision over the office staff. Accordingly representations were made by the Committee to the Corporation to create a post of an Office Superintendent for the Office on the lines of other departments. The Corporation acceded to the Committee's request and accordingly sanctioned a post of Office Superintendent in the grade of Rs. 300-20-400, at their meeting held on 12th March 1928. The Committee appointed Mr. G. R. Gogte, B.A., who was serving on the office staff to this newly created post. Mr. Gogte assumed charge of his new office from 20th April 1928. The Corporation also sanctioned for the Committee's office three new posts of clerks, in the last grade, to cope with the increased work, during the year under report.

There was no other important change in the Office staff.

* * * * * *

II. Municipal and Aided Schools and Pupils.

Municipal Schools.

7. The total number of Municipal Schools decreased during the year under report from 344 to 341. The decrease was on the Marathi and Gujarati Sides only. The number of Marathi Boys' Schools decreased by 4 owing to the closing and amalgamation of certain schools with others as follows :—

1.	Love Grove Road Marathi	Boys'	School	.. ...	Closed.
2.	Tank Bunder	do.	do.	.. ..	Do.
3.	Cadell Cross Road	do.	do.	.. ..	Amalgamated with Upper Mahim Marathi Boys' School.
4.	Curry Road No. 2	do.	do.	.. ..	Amalgamated with Curry Road No. 1 Marathi Boys' School.

All the above four schools were poorly attended and their closing or amalgamation was a necessary step in the interests of economy. On the Gujarati Side also, the DeLisle Road Boys' School No. 1 was closed and the DeLisle Road Boys' School No. 2 was amalgamated with the Jacob Circle School for similar reasons.

The following table gives the detailed figures about the increase and decrease in the number of schools on the three sides :—

Class of Schools.	Total No. of schools on 31-3-1928.	Total No. of schools on 31-3-1929.	Increase or Decrease.	
			Increase.	Decrease.
Marathi A. V.	3	3	..	..
„ Boys'	104	100	..	4
„ Girls'	52	52	..	..
„ Night	11	11	..	..
Gujarati A. V.	2	2	..	..
„ Boys'	44 + 1 Class.	42 + 2 Classes.	..	1
„ Girls'	27 + 1 English Vernacular Schl.	27 + 1 English Vernacular Schl.	..	..
Urdu Boys'	55	55 + 1 Class.	1	..
„ Girls'	32	32	..	..
„ Night	8	8	..	..
Tamil Boys'	3	4	1	..
„ Night	1	1	..	..
Total ..	343 + 1 Class.	338 + 3 Classes.	2	5

Pupils in Municipal Schools.

8. The number of pupils also fell down during the year under report from 50,249 to 49,659. This decrease was mainly due to the fall in the number of pupils which was the natural result of the Mill Strike and the Communal Riots that took place in February 1929 and the following months.

The decrease is not, however, very serious and it is of course due to the fact that the figure 49,659 represents the number of pupils on roll on 31st March 1929, when the riots had just subsided. As will be seen from the table given below, the decrease was mainly in the Marathi Schools and that too in the Boys' Schools. The Urdu Boys' Schools showed a good increase of over 500 pupils. The detailed figures for the year under report and for the previous year, are given below :—

Class of Schools.	No. on 31-3-1929.		No. on 31-3-1928.	
	Schools.	Pupils.	Schools.	Pupils.
Marathi Middle Schools	3	403	3	367
„ Boys' Schools	100	20,975	104	21,844
„ Girls' Schools	52	8,555	52	8,565
„ Night Schools	11	417	11	443
Total Marathi Schools ..	166	30,350	170	31,219
Gujarati Middle Schools	2	200	2	179
„ Boys' Schools	42 plus 2 Classes.	5,741	44+ 1 Class.	6,086
„ Girls' Schools	28 (including the English Vernacular School.	3,970	28 including the English Vernacular School.	3,888
Total Gujarati Schools ..	72+ 2 classes.	9,911	74+ 1 Class.	10,153

Class of Schools.	No. on 31-3-1929.		No. on 31-3-1928.	
	Schools.	Pupils.	Schools.	Pupils.
Urdu A. V. Schools	2	580	..	..
„ Boys' Schools	53 + 1 Class.	5,494	55	5,545
„ Girls' Schools	32	2,718	32	2,785
„ Night Schools	8	194	8	181
Total Urdu Schools	95 + 1 Class.	8,986	95	8,511
Tamil and Malayalam Schools	4	324	3	285
„ „ Night Schools	1	88	1	81
	5	412	4	366
Total Municipal Schools ..	338 + 3 Classes.	49,659	343 + 1 Class.	50,249

Examinations and results.

9. Like last year, the Vernacular IVth Standard Examination for the year 1929 was conducted by the Board constituted for the purpose. The written examination was held on the 8th and 9th of April 1929 and the oral examination was conducted on the succeeding days. The examination was meant both for pupils of the Municipal Schools as well as for pupils of the Aided Schools; some pupils even from Unaided Schools were allowed to appear at the examination. The results of the examination are given below :—

VERNACULAR IVTH STANDARD EXAMINATION.

Municipal Schools.

Class of Schools.	Pupils appeared.	Pupils passed.
Marathi Boys' Schools	1,768	1,592
„ Girls' „	544	480
Gujarati Boys' „	676	567
„ Girls' „	161	147
Urdu Boys' „	261	224
„ Girls' „	67	38
Total ..	3,477	3,048

Aided Schools.

Marathi Schools	416	302
Gujarati „	503	361
Urdu „	150	122
Total ...	1,069	785
Unaided Schools	13	8

The above results do not include the results of a supplementary examination which was held by the end of June 1929.

The results of the Vernacular Final Examination which is conducted by Government, as usual, are given below :—

VERNACULAR FINAL EXAMINATION (1929).

Class of Schools.	Pupils appeared.	Pupils passed.
Municipal Marathi Boys' Schools	98	70
,, Marathi Girls' ,, ...	199	121
,, Gujarati Boys' ,, ...	16	9
,, Gujarati Girls' ,, ...	15	7
,, Urdu Boys' ,, ...	43	23
,, Urdu Girls' ,, ...	17	9

Aided Schools and Pupils.

10. The year under report witnessed an increase of three in the number of Aided Schools. There were 173 Aided Schools at the beginning of the year; at the end of the year the number rose to 176. There was no increase in the number of pupils which, on the contrary, fell down from 17,491 to 17,143. This decrease, however, need not be taken seriously as it was one of the after-effects of the communal riots which as already menticned, had their effect on the attendance in the Municipal Schools also. The detailed figures of Aided Schools and pupils for the year under report and for the previous year are given in the following table :—

Class of Schools.	No. of— on 31st March 1928.				No. of— on 31st March 1929;			
						Pupils.		
	Schools.	Boys.	Girls.	Total.	Schools.	Boys	Girls.	Total.
Marathi Boys' Schools ..	46	2,989	741	3,730	43	2,618	688	3,306
,, Girls' ,, ..	7	106	581	687	5	72	321	393
,, Night ,, ..	8	271	6	277	7	216	8	224
Total Marathi Schools ..	61	3,366	1,328	4,694	55	2,906	1,017	3,923
Gujarati Boys' Schools ..	41	4,815	577	5,392	44	4,871	603	5,474
,, Girls' ,, ..	23	236	3,161	3,397	22	208	3,176	3,384
,, Night ,, ..	3	121	..	121	3	99	..	99
Total Gujarati Schools ..	67	5,172	3,738	8,910	69	5,178	3,779	8,957
Urdu Boys' Schools	14	1,766	178	1,944	14	1,794	234	2,028
,, Girls' ,, ..	5	9	649	658	5	8	664	672
,, Night ,, ..	19	671	..	671	26	805	..	805
Total Urdu Schools ..	38	2,446	827	3,273	45	2,607	898	3,505
Hindi Boys' Schools.. ..	2	362	3	365	2	315	4	319
,, Girls' ,, ..	1	..	88	88	1	..	110	110
,, Night ,, ..	1	14	..	14	1	9	..	9
Total Hindi Schools	4	376	91	467	4	324	114	438
Sindhi Boys' Schools ..	*1	*..	..	..	1	63	..	63
Canarese Night Schools ..	2	140	7	147	2	241	16	257
Total Aided Schools ..	173	11,500	5,991	17,491	176	11,319	5,824	17,143

* Annual statistics were not submitted by the school last year.

Revised Rules of Grants-in-Aid to be paid to Aided Schools in Bombay.

11. The Schools Committee have been all along anxious to minimise the financial difficulties of the Aided Schools and with this intention in view they have framed a new set of rules for assessing Grants-in-Aid to those schools on more liberal lines than at present. These new rules are expected to receive the sanction of the Corporation and of the Government in a few months and they will probably come into operation from next year.

Amounts of Grants-in-Aid and Remission of Fees paid to Aided Schools.

12. The total amounts of Grants-in-Aid and Remission of Fees paid to Aided Schools during the year under report came to Rs. 1,81,210-12-0 as against Rs. 1,74,703-8-0, paid in the previous year. Out of the amount of Rs. 1,81,210-12-0 paid as Grants-in-Aid to private schools during the year under report, Rs. 5,110-0-0 represented the amount of arrears of grants that were paid to certain schools for previous years and the grants that were paid for the year under report amounted to Rs. 1,76,830-12-0. As usual, the above amount of Rs. 1,76,830-12-0 represents the Grants-in-Aid (and Remission of Fees) as assessed on the admitted expenditure of Aided Schools for 1927-28. The Annual Statistical Returns submitted by the schools show that they have altogether incurred an expenditure of Rs. 7,29.616 for the year 1928-29, the average number of pupils in all the Aided schools for the same year being 16,719. This works out to an average cost of Rs. 43·4 per pupil in Aided Schools.

Teaching staff of the Aided Schools and their general condition.

13. There are in all 933 teachers including part-time teachers in the Aided Schools thus giving an average of about 18 pupils on rolls per teacher. Out of these 933 teachers, 138 are trained, 347 are qualified and 448 are unqualified. It is true that the proportion of Trained Teachers in the Aided Schools is very low but that is mostly due to the financial circumstances of those schools. The detailed statistics about the qualifications of the teachers in Aided Schools are given below :—

Number of Teachers in Aided Schools on 31st March 1929.

Qualifications.	Males.	Females.	Total.
III. Year Trained	13	32	45
II. Year Trained	16	31	47
I. Year Trained	21	25	46
Qualified	254	93	347
Unqualified	325	123	448
Total ...	629	304	933

One of the new schools which was added to the list of Aided Schools during the year under report, *viz.*, the Fellowship School deserves special attention. This school is a Model Institution and is being run on the most up-to-date lines. A special feature of the school is the Montessorie Class which is very well equipped and is conducted by a European lady directly trained under Dr. Montessorie.

III. Free and Compulsory Education.

General.

14. The year under report could not be expected to be a very hopeful time for the success of Free and Compulsory Education. The population of the F and G Wards where the Compulsory Education Act is in operation, was in a very unsettled and disturbed state almost throughout the year, first on account of the Mill Strike and then on account of the riots which took place in the last quarter of the year. Consequently, it was thought advisable to postpone taking legal action against parents and guardians of non-attending pupils of compulsory age. A large number of the

working class population left Bombay for their homes as a result of the strike and the disturbances. All these circumstances seriously hampered the progress of Free and Compulsory Education in these two Wards.

Statistics of children attending and non-attending.

15. At the beginning of the year, there were, in all, 17,542 children of compulsory age in the F and G Wards, of whom 13,005 were att nding schools. By the end of the year, the number of Children of compulsory age had gone down to 16,874 and that of children attending schools had gone down to 12,778.

The following statement gives the details about these figures :—

	No. of children of compulsory age on 31st March 1928.			No. of children of compulsory age on 31st March 1929.		
	Boys.	Girls.	Total.	Boys.	Girls.	Total.
Attending schools ..	8,777	4,228	13,005	8,470	4,308	12,778
Non-attending schools .	2,321	2,216	4,537	2,147	1,949	4,096
Total ..	11,098	6,444	17,542	10,617	6,257	16,874

It will be seen from the above figures that although there is a fall of about 700 in the number of pupils of compulsory age, there is not so big a fall in the number pupils attending schools. In fact the percentage of pupils attending schools had slightly risen at the end of the year as can be seen from the fact that while on 31st March 1928 the percentage of children attending schools to the total number of children of compulsory age was 74·1, on 31st March 1929, it was 75·3.

Compulsory education for Moslem Girls.

16. Owing to the *purdah system* prevalent in the Moslem community, the Municipal Corporation and the Schools Committee had made an exception in the case of the Moslem girls, when Free and Compulsory Education was first introduced in the year 1925. The question of bringing the Moslem girls under compulsion was never lost sight of and after gauging the opinion of the Moslem public, the Corporation held a Special Meeting for the purpose of discussing this question and decided that in the case of Moslem Girls, compulsion should be introduced with one modification, *viz.*, that the limit of age in their case should be 10 years while in the case of all other children it is 11 years.

The Government sanction to enforce compulsion in the case of Moslem Girls upto ten years of age was accordingly applied for and the Committee regret to state that the same was received after considerable delay in December 1928. The necessary census has been taken by the Special Attendance Officer and arrangements regarding opening new schools, etc., are being made. The date of actual introduction of compulsion for Moslem Girls has been fixed as 1st August 1929. It may be mentioned here that with a view to prepare the ground for enforcing compulsion for Moslem Girls, it was thought very necessary to do some sort of propaganda work before the work of taking a census was commenced. A meeting of the Moslem residents of Mahim and Dharavi (where the Moslem population of the F and G Wards is mostly concentrated) was, therefore, convened on 13th July 1928. The Meeting was presided over by Mr. D. G. Dalvi, M.A., LL.B., the then Chairman of the Schools Committee and was largely attended by the prominent Moslem residents from the locality as well as from outside.

Introduction of Compulsion in the remaining Wards of the City.

17. The Corporation and the Schools Committee are very anxious to introduce compulsion in the remaining wards of the City but unfortunately their efforts in that direction have not yet succeeded. A scheme for introducing compulsion in the B and E Wards was prepared and submitted to Government during the year under report but the Government have not

accorded their sanction to the scheme. It may be mentioned here for the sake of information that under their Resolution No. 13832 of 15th March 1928, the Corporation had resolved to apply to Government for sanction to introduce Compulsory Education in B and E Wards of the City with effect from 1st October 1928. The President of the Corporation accordingly wrote to Government for the necessary sanction but the Government replied that " as Government are not prepared to make any grant, Government are not satisfied that the Corporation are in a position to finance the scheme is question ". Upon this the Corporation wrote back to Government repudiating the suggestion of Government that the Corporation are not in a position to finance the scheme. To this the Government have again sent a reply in which they state that " they are not prepared to consider the question of according sanction to the scheme to introduce Free and Compulsory Education in B and E Wards pending the disposal of the suit filed against them by the Corporation ".

IV.—Medical Inspection of Schools.

The Medical Inspection Staff.

18. The staff of the Medical Inspection department remained unchanged till the end of the official year. The Boys' Schools were in charge of the two Medical Inspectors, *viz.*, Dr. G. V. Kher, L. M. & S., and Dr. V. J. Gidhchhapwalla, L. M. & S., assisted by their respective Assistant Medical Inspectors, Dr. V. R. Bhoosrath, M.B.B.S., and Dr. M. S. Kapadia, L. M. & S. The Girls' Schools were in charge of Dr. Miss Goolbai M. Doctor, L. M. & S., assisted by a qualified Nurse Miss Tarabai R. Rajapurkar. The Medical Inspector, Dr. G. V. Kher, L. M. & S., who served the Schools Committee from the commencement of the Medical Inspection Department, retired on 31st day of March 1929 owing to superannuation and Dr. V. R. Bhoosrath, his Assistant, was appointed to act as Medical Inspector in his place from 1st April 1929. Miss Tarabai Rajapurkar also works with the Assistant Lady Dental Surgeon, Dr. Miss F. Jinnah, for half day, three times a week. Dr. V. R. Bhoosrath was on privilege leave for a period of 38 days from 9th April 1928 to 20th April 1928 and from 21st January 1929 to 15th February 1929. Dr. M. S. Kapadia was on privilege leave from 9th July 1928 to 31st July 1928 and also on sick leave on Medical Certificate from 3rd January 1929 to 3rd February 1929.

Schools inspected and pupils examined.

19. The following table will show the numbers and kinds of schools inspected together with the numbers of boys and girls in them respectively, during the year under report :—

Section.	Total number of Schools inspected.			Total number of pupils examined.			Total number of pupils examined for the first time.			Total number of pupils re-examined.		
	Boys.	Girls	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.
Marathi ...	61	32	93	10,614	4,124	14,738	5,697	2,554	8,191	5,253	1,570	6,823
Gujarati ...	30	21	51	3,619	2,442	6,061	2,171	1,652	3,824	1,187	790	1,977
Urdu ...	45	20	65	2,767	1,049	3,756	1,889	772	2,661	802	277	1,079
Tamil ...	3	...	3	202	...	202	163	...	163	39	...	39
Total ...	139	73	212	17,142	7,615	24,757	9,861	4,978	14,839	7,281	2,637	9,918

Schools visited and pupils examined.

20. From the above statement it will be seen that the two Medical Inspectors and the Medical Inspectress together with their respective assistants visited during the year in all 212 schools—139 Boys' Schools and 73 Girls' Schools. The total number of pupils examined was 24,757 of which 17,142 were boys and the remaining 7,615 girls. Out of these, 14,839 pupils were examined for the first time and 9,918 pupils were re-examined in the year under report because they had been noted down for some disease in the previous year. The number of children examined for the first time (*i.e.*, children not examined in previous years) was 9,861 boys and 4,978 girls. Among the newly examined pupils, the general percentage of boys free from any disease was 47 and of girls free from any disease was 46·7 ; 53 per cent. of the boys and 53·3 per cent. of the girls were suffering from one or more defects.

21. The following table shows the kinds and percentages of defects detected singly or jointly among the newly examined pupils:—

Percentage of various diseases.

Names of Diseases.	Percentage of boys affected.	Percentage of girls affected.
	Per cent.	Per cent.
Malnutrition	20·3	19·1
Defects of Teeth	19·6	19·7
Defects of Throat	6.9	11·2
Defects of Nose	3·5	2.9
Defects of External Eye Diseases	8.5	10.1
Defects of Vision	2·3	5.9
Defects of Enlarged Glands	9·2	7·0
Defects of Heart and Circulation	0·6	0·4
Defects of Lungs	3·0	8·0
Defects of Contagious Skin Diseases	4.8	5.3
Defects of Enlargement of Spleen	5·2	7·0
Defects T. B. Suspected	0.1	0.2
Defects of Ear	1.0	1·7

On comparison with the results of Medical Inspection in previous years, it will be found that there has been a constant decrease in the percentages of the various diseases generally and in Skin and Eye diseases, Malnutrition and Enlargement of Spleen particularly.

22. Side by side with the examination of new pupils, the Medical Inspectors carry on re-examinations of pupils who have been examined and noted down for some disease or another in the previous year. The results of the re-examination are tabulated below. The number of boys re-examined during the year was 7,281 and that of girls was 2,637.

Results of re-examination.

	Boys.	Girls.
Number of pupils re-examined	7,281	2,637
Percentage of pupils improved	20·2	37·0
Do. do. not improved	40·4	40·0
Do. do. healthy	36·6	23·0
Do. do. affected with new diseases ..	25·3	15·3

Cards of intimation of diseases sent and replies received.

23. The table given below gives an idea as to how much interest the parents or guardians of pupils took regarding the defects brought to their notice :—

Section.	No of Children examined.			No. of Intimations sent.			No. of replies received.			No. of cards sent for Municipal treatment.			No. of preferring privatetreatment.		
	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls	Total.
Marathi .	10,614	4,124	14,738	2,696	1,475	3,571	1,322	723	2,045	895	333	1,228	381	390	771
Gujarathi	3,619	2,442	6,061	833	945	1,778	502	609	1,111	311	295	606	158	314	472
Urdu ...	2,707	1,049	3,756	558	371	929	335	248	583	269	133	402	56	115	171
Tamil ...	202	...	202	30	...	30	16	...	16	13	...	13	1	...	1
Total ..	17,142	7,615	24,757	3,517	2,791	6, 08	2,175	1,580	3,755	1,488	761	2,249	596	819	1,415

Miscellaneous activities.

24. The Medical Inspectors annually distribute medicines free of charge to a limited number of poor and needy children, mainly belonging to the backward and illiterate classes. The parents and guardians of these children are unable to attend to the ailments of their children on account of the nature of their service. The total number of pupils who received school treatment came to over 345 Boys and 150 Girls. Over 60 per cent. of these pupils were found improved. Many of the parents or guardians were called to school for explaining to them the benefits of immediate treatment. Many of them were interviewed at their residences also.

One hundred and seven deserving poor children were recommended for free spectacles and 42 out of them have been supplied with spectacles free of charge. During the period under report, 134 schools were supplied with Emergency Medical Outfits. There are increasing demands for such outfits from teachers who use the appliances as emergencies arise in schools. Each of the Medical Inspectors and the Inspectress delivered more than the prescribed number of 12 Lectures, on general, Dental, personal and Home Hygiene and Sanitation with the aid of Magic Lantern, Cinema, Models and Diagrams, to the children, their parents or guardians and teachers. Dr. D. S. Bhandarkar, M.B.B.S., Lecturer of the Bombay Sanitary Association, also delivered in all 33 Magic Lantern Lectures in different schools on subjects like Malaria, Plague, Pthisis, etc., with the help of the Medical Inspectors and Inspectress and the Committee's thanks are due to him for his special pains. These lectures no doubt have a salutary effect on the minds of the children because it has been observed that children do remember and try to practise what is taught to them. The First Aid Classes for Gujarati and Urdu Teachers were continued during the year under report, so also was the Marathi Home Nursing Class for the Marathi School mistresses. Dr. Gidhchhapwalla arranged practical Instructions in Stretcher and Hand Seats for Urdu and Gujarati teachers attending First Aid Certificate and Voucher Classes at Byculla Fire Brigade Central Station through Captain Limaye, M.B.B.S., B.Hy., of the Public Health Department to whom our thanks are due for his valuable assistance. Dr. M. I. Khatkhatay, L.M. & S., J.P., who helped in conducting the First Aid Certificate and Voucher Examinations also deserves our best thanks. The following statistics will show the results achieved in these classes :—

Serial No.	Names of Lecturers.	Subject of Lectures.	Language in which Lectures were given.	No. of Lectures.	No. of Teachers on Roll.	No. of Teachers appeared for examination.	No. of Teachers passed in examination.
1	Dr. Gidhchhapwalla ...	First Aid Certificate.	Gujarati ..	17	23	9	6
2	Dr. Kapadia	Do. ..	Urdu ..	16	26	9	8
3	Dr. Gidhchhapwalla ..	Voucher ...	Gujarati ..	17	9	6	4
4	Dr. Kapadia	Do. ..	Urdu .	16	25	22	18
5	Dr. Bhoosrath	Home Nursing.	Marathi ..	16	12	12	8
6*	Dr. Bhoosrath	FirstAid Certificate.	Marathi ..	*Nil.*	*Nil.*	*Nil.*	*Nil.*
7*	Dr. Goolbai M. Doctor ...	Home Nursing.	Gujarati ...	*Nil.*	*Nil.*	*Nil.*	*Nil.*

* For lack of attendance and enrolment, Classes cou d not be formed.

Besides the above activities, the Medical Inspectors and Inspectress are entrusted with the duties of inspecting every year all the school premises from the point of sanitation. Moreover, whenever new premises are proposed to be taken up for schools, they are also required to inspect the buildings proposed to be rented and submit reports about such buildings as to their suitability for school purposes.

The Medical Inspectors also arranged for opening a Stall in the National Baby and Health Week Exhibition held in Bombay, exhibiting instructive pictures, drawings and models about school buildings, their sanitation, etc. The Dental Officers also exhibited some pictures about Dental treatment of the children.

Need for improvement of the system of Medical Inspection.

25. Mention has been made in the last year's report that some schemes for the treatment of children by way of Medical Relief were under consideration of the Schools Committee as it was found after experience that Medical Inspection without Medical Relief is of little avail. The Schools Committee has ever been alive to the necessity of supplementing the present Medical Inspection by providing remedial measures but it is necessarily a question of additional expenditure. The Special Sub-Committee that was appointed to thoroughly investigate and report on the whole system of Medical Inspection and the improvements required therein, held some meetings but as the Medical Relief Committee of the Corporation had taken up in its hand the question of opening Clinics for school children, it was decided to wait till the Medical Relief Committee had formulated its own proposals in the matter of opening Clinics for children.

The Dental Clinics.

26. Dr. Khambatta, the part-time Dental Surgeon, visited in all 18 schools which required 185 visits during the year and inspected 2,446 children out of whom he treated 612 boys and 126 girls. The total number of operations performed came to 3,441, out of which 1,569 were extractions, 643 fillings, 183 nerve treatments, 368 abscess treatments and 678 general medicinal treatments. The services of the part-time Lady Assistant Dental Surgeon Dr. Miss F. Jinnah who was appointed temporarily for 6 months were continued during the year. She visited in all 24 schools which required 116 visits during the year and inspected 1,926 children out of whom she treated 637 boys and 291 girls. The total number of operations performed came to 2,204, out of which 603 were extractions, 1,297 fillings, 13 nerve treatments and 291 general medicinal treatments.

There was on the whole an increased co-operation of the parents and the Dental Clinic is becoming more and more popular every year.

The present system of Dental treatment is also receiving further attention of the Special Sub-Committee appointed to consider the question of Medical Inspection mentioned in the foregoing paragraphs.

V.—Finance.

Opening and Closing balances and the net expenditure.

27. The year under report opened with a Balance of Rs. 4,34,507-7-5. The Corporation sanctioned a grant of Rs. 28,11,560-0-0 from the General Municipal Fund and the other miscellaneous Receipts amounted to Rs. 43,331-13-4. The total amount at the disposal of Schools Committee thus came to Rs. 32,89,399-4-9. Out of this amount, the actual expenses during the year amounted to Rs. 30,12,213-13-2, leaving a Closing Balance of Rs. 2,77,185-7-7, at the end of the year. These figures together with those of the previous year are given below side by side for the sake of comparison :—

Year.	Opening Balance.	Municipal Grant.	Other miscellaneous Receipts.	Total Receipts.	Total Expenditure.	Closing Balance.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1927-28 ..	4,15,987 2 2	29,22,750 0 0	46,269 13 2	29,69,119 13 2	29,50,599 7 11	4,34,507 7 5
1928 29 ..	4,34,507 7 5	28,11,560 0 0	43,331 13 4	28,54,891 13 4	30,12,213 13 2	2,77,185 7 7

On a comparison of the above figures it will be seen that during the year under report the figure of the total expenditure rose by nearly sixty thousand rupees, to speak in round figures. This is the normal increase per year which cannot be ordinarily avoided. A reference to the figures of expenditure in Appendix D at the end will show that since the

year 1917-18, the Schools Committee's Annual Expenditure has been increasing at an average rate of about two lacs of rupees per year. Part of this normal increase is due to certain permanent factors such as annual increments in the salaries of the teachers and other servants while part of the increase is due to the normal increase in the number of pupils which averages about 2,000 per year. Taking that at the average expenditure of Rs. 55 per pupil, roughly speaking, the normal increase in the number of pupils is responsible for an increase of about Rs. 1,10,000 per year while about Rs. 90,000 per year represents the normal increase due to those factors which exist independently of the rise or fall in the number of pupils. During the year under report, there was, for reasons already mentioned, no increase in the number of pupils and there was, therefore, no increase in expenditure on that account. However, as explained above, the other unavoidable factors did have their effect on the expenditure and in spite of a strict policy of retrenchment and economy followed throughout the year, an increase of Rs. 60,000 could not be avoided.

Details of the increase in expenditure.

28. It will not be uninteresting to see in what items the increase was mainly felt and in what items it has been possible to effect a retrenchment. The following table will facilitate the comparison :—

No.	——	1927-28.	1928-29.	Increase over 1927-28.	Decrease over 1927-28.
	A.—*Schools.*	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1	Headmasters and teachers	17,72,452 6 1	18,59,937 1 1	87,484 11 0	.....
2	Servants	83,880 2 0	86,790 3 0	3,910 1 0	.....
3	Rent of School premises	4,74,854 11 5	4,76,459 4 3	1,604 8 10	.....
4	Class Books	.....	3,080 14 9	3,080 14 9	.....
5	School Furniture	21,490 15 9	4,638 7 9	.....	16,852 8 0
6	Prizes	.....	.....	.....	.....
7	Stipends to students under Training	6,876 11 0	8,151 12 0	1,275 1 0	.....
8	Contingencies and Miscellaneous ...	1,17,362 1 7	1,11,861 9 2	.....	5,500 8 5
9	Superintendents and their Establishment	71,637 1 10	69,345 1 3	.....	2,292 0 7
10	Grant-in-Aid to Primary Schools ...	1,74,703 8 0	1,81,210 12 0	6,507 4 0	.....
11	Teachers' Libraries and Museum ...	4,466 8 0	2,783 4 9	.....	1,683 3 3
12	Medical Inspection	32,075 5 9	33,830 13 6	1,755 7 9	.....
13	Superintendent, Aided Schools and his Establishment	10,400 15 0	11,708 6 9	1,307 7 9	.....
14	Census Establishment	25,388 0 4	21,347 6 3	.....	4,040 10 1
15	Free Reading Rooms and Libraries.	9,004 15 3	8,210 8 6	.....	794 6 9
16	Pension, Gratuity and Compassionate Allowances	17,981 2 0	38,378 13 0	20,397 13 0	.....
17	Municipal Share towards Provident Fund	1,18,500 0 0	88,547 8 0	.....	29,952 8 0
	B.—*Buildings.*				
1	Repairs to Municipal Buildings ...	10,524 15 11	5,931 15 2	.....	4,593 0 9
	Total ...	29,50,599 7 11	30,12,213 13 2	1,27,323 5 1	65,708 15 10

Excess over 1927-28 ... Rs. 61,614-5-3. Total Excess ... Rs. 61,614-5-3.

It will be seen that out of the total increases of Rs. 1,27,000 in round figures nearly 90,000 represent the increase in the salaries of the staff, 20,000 are absorbed by payments by way of Pensions, Gratuity and Compassionate Allowances and over 6,000 represents the increase in Grants in-Aid to private Schools. The increase of Rs. 90,000 in the salaries of the staff was inevitable; Rs. 34,000 from this amount were paid as Pension contribution to Government for the two years 1927-28 and 1928-29 as no contribution had been paid in the previous year. The remaining amount of Rs. 56,000 represents the increase in salaries due to the annual increments. As a matter of fact, it will be seen from the figures in Chapter VII, that care was taken not to employ any additional staff during the year and so there was no

increase in the expenditure on that account. As already explained, the increase of Rs. 90,000 was solely due to the annual increments and to the payment of Pension Contribution to Government for two years together.

Retrenchments carried out.

29. On the other hand, it will be seen that retrenchments have been carried out wherever it was possible to do so, and in no less than 8 out of 18 items of expenditure, there have been substantial reductions. One of the largest reductions secured amounting to a total of nearly seventeen thousand rupees was in respect of Furniture. Practically speaking, very little amount was spent on this item during the year under report. The saving effected on this item was made possible by finding surplus furniture and sending it to schools where there was a need of additional furniture and also by repairing all damaged furniture. As a result no new furniture was required to be supplied to the schools and the small amount that has been shown as having been spent for furniture represents the amounts spent on repairs, etc.

Expenditure on the Schools Committee's Head Office.

30. There is one item the expenditure on which is charged directly to the General Municipal Fund and is not, therefore, included in the Income and Expenditure Account of the School Fund; it is the expenditure incurred on the Schools Committee's Head Office. However, as the Schools Committee's Head Office is primarily maintained for the administration of schools, that expenditure needs a mention in this report. It may, therefore, be stated that the total expenditure on this item comes to Rs. 54,913-6-1 for the year under report.

Government Grant.

31. The question of Government Grant towards Primary Education has not yet reached a satisfactory solution. The grant received from Government during the year 1928-29 was as follows :—

	Rs.	a.	p.
(1) Grant for the year 1928-29 as assessed on the expenditure for the year 1927-28	6,25,000	0	0
(2) Provisional Grant for the year 1928-29 for the extra expenditure on Compulsory Primary Education ..	2,03,953	0	0
	8,28,953	0	0
Amount deducted in adjustment of the provisional Grant given in the previous year	21,746	0	0
Net amount of Grant received by the Municipality from Government for Primary Education for the year 1928-29	8,07,207	0	0

In addition to the above amount the Government also gave the Municipality a grant of Rs. 8,429 on account of the expenditure incurred on the 5 Anglo-Vernacular Schools maintained by the Committee. The total amount of Grant received from Government in the year 1927-28, including the grant on Anglo-Vernacular Schools, was Rs. 8,84,731.

Average expenditure per pupil.

32. The average expenditure per pupil in the two years previous to the year under report was Rs. 54·8. During the year under report, there was no increase in the number of pupils but on the contrary, there was a fall on account of the riots and the Mill Strike as already mentioned elsewhere. This fall in the number of pupils has been responsible for an increase in the figure of expenditure per pupil which works out to Rs. 56·6. This expenditure was distributed on the various heads as follows :—

Salaries of Teachers	37·4	Provident Fund, Gratuity and Compassionate Allowance..	2·5
Salaries of Servants	1·7	Miscellaneous ..	5·4
Rent of School Premises	9·6		
		Total Rs. ..	56·6

The above figure of 56·6 is arrived at as follows :—

The total expenditure for the year was Rs. 30,12,213-13-2, as stated in para 27 above. Subtracting from this amount these items of expenditure which do not form part of the expenditure on the education of children attending the Municipal Schools, we get Rs. 28,11,084 as the net expenditure on children attending Municipal Schools. Dividing this amount by the number of children on rolls, on 31st March 1929 which as shown in paragraph 8 was 49,659, we get Rs. 56·6 as the figure of expenditure per head of pupil. The increase in the expenditure per pupil from Rs. 54·8 in the previous year to Rs. 56·6 during the year under report is, however, only an apparent one; it is not real. The truth of this remark will be appreciated when we take into consideration the fact that owing to the Riots, there was an abrupt fall in the number of pupils in the last quarter of the year, so that although for over three quarters of the year we had to spend for a large number of pupils, the number of pupils having gone down in the last quarter, the increased expenditure on account of the higher number of pupils in the first three quarters, came to be apportioned on the reduced number of pupils at the end of the year.

The number of pupils in Municipal Marathi and Gujarathi Schools in January, *i.e.*, just before the Riots took place, was 41,994. This number instead of increasing as it usually does, fell down to 40,673 by the end of March. Even if it had continued to be what it was in January without any increase, the total number of pupils in Municipal Schools on 31st March 1929 including the pupils in Urdu Schools would have stood at 50,980. In that case, the figure of expenditure per pupil would have been 55·1, *i.e.*, only 0·3 more than that of the previous year and even this increase of 0·3 was due to the fact of the Pension contribution for two years having been paid during the year under report. It will, therefore, be quite reasonable to say that if there had been no Riots and Strikes, the figure of expenditure per pupil during the year under report would have remained what it was in the previous year even in spite of the increase due to the annual increments of the staff which alone comes to Rs. 56,000 per year.

The expenditure per pupil in different sets of Schools—Marathi, Gujarati and Urdu—works out as under :—

Kind of Schools.	Total expenditure for the year 1928-29.	No. of pupils on rolls on 31st March 1929.	Average expenditure per pupil for the year 1928-29.
	Rs.		Rs.
Marathi and Tamil Schools ...	16,53,353	30,762	53·7
Gujarati Schools	6,12,062	9,911	61·7
Urdu Schools	5,45,668	8,986	60·7

The figures of expenditure per head of pupil for the year 1927-28 were as follows:—

Marathi and Tamil Schools	Rs.	51·5
Gujarati Schools	„	59·6
Urdu Schools	„	62·9

It will be seen that during the year under report, the figure of expenditure per head of pupil in Marathi Schools has gone up on account of the fall in attendance, which was more severely felt on the Marathi side while the expenditure per head of pupil in Urdu Schools has gone down on account of the increase in the number of pupils on that side.

VI.—General Progress.

Introductory.

33. The year under report was an year of steady progress throughout. It is true there were no new activities started during the year, but during the last two or three years, so many new activities had been started that if all those activities are to be turned to proper benefit, a few more years must be spent on developing them rather than on starting any further new activities. The year under report was, therefore, practically devoted to internal reform rather than to expansion of activities. It is proposed to deal with the more important of these activities in the following paragraphs.

Girl Guide Movement.

34. Although for some years past, a few Girl Guide Companies were being run in the Municipal Girls' Schools, there was not much progress made in the matter since these companies were first started in 1922. At the beginning of the year under report, there existed 3 Companies only and even these were not being run on quite systematic lines. A real beginning towards the expansion of the Girl Guide Movements in Municipal Schools was made during the year under report. A Special Sub-Committee was appointed for the purpose, correspondence was started with the Girl Guide Headquarters in Bombay and Mrs. Shuffi C. Tyabjee, J.P., Member of the Schools Committee, was appointed Commissioner for Municipal Girl Guides. Twenty-two Lady Teachers were trained in Guiding by means of a Special Class conducted for them. Seven of the above 22 lady teachers were sent for further training at a Training Camp conducted at Ahmedabad by the Girl Guide Provincial Authorities in February 1929. A Revision Class for all the lady teachers trained in Guiding was then again held in Bombay in March. In all, the Committee have now got 22 Trained Guiders and 13 Guide Companies and 2 Blue Bird Flocks have been already started and registered with the Provincial Headquarters. The Municipal Girl Guide Companies and Blue Bird Flocks have been affiliated to the Bombay Division of the Provincial Association. The Schools Committee's best thanks are due to the authorities at the Provincial Headquarters for the help rendered by them from time to time in training our Guiders and by giving all necessary advice on every occasion. It is hoped that before the next report is out, we shall have made substantial progress in Guiding in Municipal Schools.

The Boy Scout Movement.

35. (A) The Boy Scout Movement in Municipal Schools continued its activities unabated during the year. There is one great obstacle in the way of this Movement flourishing in Municipal Schools. Generally, the pupils of our schools are of very tender age and as most of our schools teach only upto Primary Standard IV, it happens that a boy hardly remains in our troops for 1 or 2 years when he has to leave our schools and consequently our troop also. This causes constant fluctuations in the number of Scouts and prevents the scouts from receiving thorough training which can be acquired only by long training and experience. In spite of this difficulty, however, Scouting in Municipal Schools is showing progress and by the end of the year 1928-29, there were 764 Cubs in 24 Packs and 858 Scouts in 32 Troops in the Municipal Schools, the total number of Scoutmasters who managed them being 42. A further batch of 45 Scoutmasters has been trained in a Camp held in the month of February 1929 at Ghatkoper and it is hoped that they will all start new Troops and Packs soon.

(B) 14 Packs and Troops went on Excursions during the year under report to places like the Tansa Lake, Vihar Lake, Bassein Fort and other places of interest in the suburbs of Bombay.

(C) The Municipal Scouts were fortunate enough in securing an opportunity for giving a Guard-of-Honour on 8th December 1928, to His Excellency Sir Leslie Wilson, Governor of Bombay and the then Provincial Chief Scout, at the time of his departure from the shores of India.

(D) The following were some of the more important functions celebrated by the Municipal Scouts during the year under report :—

The March Past and Procession	...	(Held on 15th April 1928 and presided over by Mr. M. R. Jayakar, M.A., LL.B., Bar.-at-Law, M.L.A.)
Scout Day Celebrations	... ..	(Held on 1st October 1928).
Annual Camp Fire	... ...	(Held on 20th January 1929 and presided over by Dr. G. V. Deshmukh, M.D., F.R.C.S., President of the Municipal Corporation.)
Combined Rally of the Municipal and Bombay Local Association Scouts.		(Held on 1st March 1929 when His Excellency the Governor of Bombay received the Salute).

(E) Mention may be made here of the work done by 7 Scoutmasters in connection with the Riots. Two of them rendered Ambulance Service in the Riots for which they have received Certificates from the St. John Ambulance Association and 5 of them did valuable work under the Peace Committee. The Municipal Scouts, as usual, attended and helped in the Baby Week Exhibition held in March 1929.

(F) With a view to foster the spirit of economy in the Scouts, a number of "Home Saving Safes" borrowed from the Central Bank of India were distributed to such Scouts as showed a willingness to make use of them. The authorities of the Central Bank, were kind enough to lend the safes to us and to dispense with the condition of the usual deposit, in our case.

(G) Dewan Bahadur A. K. Pai, B.A., J.P., continued to be the District Commissioner and Prof. V. G. Rao, B.A., LL.B. (Cantab.), Bar.-at-Law, O.A., J.P., continued to be the Assistant District Commissioner throughout the year. Mr. V. K. Kulkarni was the Scout Organiser.

Visual Instruction.

36. During the year under report, a new film entitled "A Short Winter Tour in India" consisting of four reels prepared by the G.I.P. Railway Publicity Department was added to the stock of films previously purchased. Of the four reels of the film, one deals with Agra, two with Delhi and one with Sanchi. Mr. D. K. Ghanekar, Assistant Superintendent, Marathi Schools, gave 38 Lectures and Mr. A. A. Noorbhoy, Deputy Superintendent, Municipal Urdu Schools, delivered 45 lectures with the help of the films and slides in the Schools Committee's stock and also with the help of some sets of slides kindly lent by the Government Deputy Educational Inspector for Visual Instruction.

Progress of Handicraft.

37. No new Handicraft Classes were started during the year. But there was an increase in the number of pupils taking benefit of these classes already existing. In the year 1927-1928, 2,814 pupils from 23 schools received instruction in Handicraft. At the end of the year 1928-29, 3,011 pupils from 26 schools were receiving instruction in this subject. Out of these 3,011 pupils, 1,757 were from the Marathi Schools, 828 from the Gujarati Schools and 426 from the Urdu Schools. The instruction imparted in the Handicraft Classes covers a wide range of subjects including Paper-folding, paper and Cardbard Modelling, Flower making, Fretwork, Wood-work, Wire-work, Book-binding and Cane-work. The work of instruction in these classes is carried on by 11 Special Teachers who possess special qualifications in these subjects. The Schools Committee have already given sanction to a proposal to open two more Centres in Boys' Schools in the F and G Wards of the City and to open four more Centres in Girls' Schools. These Centres will be opened next year and so more about them will be written in the next Annual Report.

The Teachers' Conferences.

38. The Teachers' Conferences for the years were held in the months of November and December 1928 on the dates mentioned below, under the respective Presidents, whose names are also given below :—

———	Date.	Name of the President.
Marathi Boys' Schools' Teachers' Conference.	1st and 2nd December 1928.	Rao Bahadur K. G. Joshi, B.A., I.E.S., Educational Inspector, C. D.
Marathi Girls' Schools' Teachers' Conference.	21st and 22nd November 1928.	Mrs Saralabai Naik, M. A.
Gujarati Boys' Schools' Teachers' Conference.	16th and 17th December 1928.	Mr. K. S. Vakil, B.A., M.Ed., Educational Inspector, N. D.
Gujarati Girls' Schools' Teachers' Conference.	5th and 6th December 1928.	Mrs. Sarojini Mehta, B.A.
Urdu Boys' Schools' Teachers' Conference ..	12th and 13th November 1928.	Hon'ble Moulvi Rafiuddin Ahmed, Bar at-Law, Minister of Education.
Urdu Girls' Schools' Teachers' Conference ..	10th and 11th November 1928.	Mrs. Halimmunissa Begum, Inspectress of Urdu Girls' Schools, C. D.

The programmes of the Conferences consisted of lectures from educationists, demonstration lessons by teachers, essays read out by teachers, exhibition of school work, etc. All the Conferences were very largely attended by teachers and proved quite a success.

Annual Sports

39. The Annual Sports were held in April 1928 at the Gilder Tank and Mastan Shaha Baug Municipal Playgrounds. Pupils from all sides took part in the sports in large numbers and prizes were distributed to the extent of nearly 1,700 rupees. The prizes were distributed by Mr. D. G. Dalvi, M.A., LL.B., the then Chairman of the Schools Committee, who presided over the Prize Distribution ceremony.

R. C. Training Institute.

40. The Rahimtulla Currimbhoy Urdu Training Institute had a total number of 30 pupils distributed in three classes as follows at the beginning of the year under report :—

1.	Vernacular Final Class	17
2.	First Year Junior Class	9
3.	First Year Senior Class	4
		30

At the end of the year, the numbers were :—

1.	Vernacular Final Class	12
2.	First Year Junior Class	13
3.	First Year Senior Class	10
		35

At the last Vernacular Final Examination the Institution sent up 12 pupils out of whom seven passed. The Institution is progressing satisfactorily on the whole.

Municipal Libraries and Free Reading Rooms.

41. There are at present 3 Libraries for the Municipal Teachers of the 3 Sides and 8 Free Reading Rooms and Libraries for the public including (*i*) the Haji Ismail Yusuf Khatri Free Reading Room and Library and (*ii*) the Ladies' Free Reading Room and Library which has also a Circulating Library for Urdu ladies attached to it. All these Libraries were well attended and made use of by a large number of readers throughout the year. A Special Sub-Committee has been appointed by the Schools Committee to make a selection of new books to be supplied to these libraries from time to time.

Municipal-owned School Buildings.

42. No Municipal-owned School Building was constructed during the year under report. Municipal-owned School buildings are a great necessity as schools cannot be conveniently and satisfactorily housed in rented premises which are built by the landlords primarily for residential purposes. A representation was, therefore, made by the Corporation to the Government in the beginning of the year, requesting the Government to make a promise of giving substantial building-grants to the Municipality so as to enable the Municipality to launch upon a regular scheme of constructing some Municipal-owned School Buildings every year. The Government, however, did not comply with the request of the Corporation and so progress in this direction has, as it were, come to a stand-still.

The Furniture Repairing Workshop.

43. The Furniture Repairing Workshop which was opened about two years ago, and which is run under the supervision of Mr. H. V. Kamat who is also Supervisor for Drawing and Handicraft, proved to be of very great use during the year under report. More than 1,500 old and damaged articles of furniture which would have cost over twelve thousand rupees if purchased anew, were thoroughly repaired by the staff of the workshop during the year and again put to use. The Workshop also turned out 98 entirely new articles. As a result of this, it was possible to effect substantial savings in the expenditure on furniture. The total expenses on the workshop including the pay of all the employees and the cost of wood and other material came to about Rs. 4,190. The Schools Committee have an idea of turning the furniture store into a large store which will supply not only furniture but all articles of school equipment to schools. The question has been referred to a special Sub-Committee.

Local Committees.

44. The seven Local Committees for the seven Wards of the City which were appointed in the year 1927-28, and of which mention has been made in the report for that year, continued to function satisfactorily during the year under report. All these Committees are holding regular meetings almost every month and some of them are holding even two or three meetings in a month. The attendance at the Local Committee meetings has been fair on the whole and the Members of the Local Committees have shown real interest in the working of the schools in their respective Wards.

The Safety First Association.

45. The Safety First Association which was started at the close of the year 1927-28 with a view to impart instruction to school children in the causes of street accidents and the way in which to avoid them, has been able to secure the sympathy of the Police Commissioner of Bombay, the G. I. P. Railway authorities and the Western India Automobile Association who have each nominated one of their officers as a representative on our Association. It is shortly intended to take up in hand the propaganda work for which the Association has been started.

Other Miscellaneous Activities, etc.

46A.—Among the other important problems and activities that are engaging the attention of the Schools Committee may be mentioned (*i*) the starting of a co-operative credit Society for the benefit of the teachers; (*ii*) the proposed introduction of the shift system as an experimental measure ; (*iii*) the proposed revision of the Schools Committee's constitution and (*iv*) the question of reorganising the system of imparting education in the special subjects in Municipal Schools. It will not be out of place here to make mention of the policy adopted by the Schools Committee, of replacing gradually all the zinc casks supplied to the schools by copper casks, in the interests of the health of school children.

B.—The question of revising the School Curriculum which was taken up by the Schools Committee, the year before last, has been practically discussed in all its bearings and it is hoped that the new Curriculum will be out in the near future. It may be mentioned here that Government also have appointed a Committee for the reorganisation of primary and secondary School courses and introduction of vocational training. The Schools Committee were invited to tender written and oral evidence before this Committee and accordingly they sent written replies to the questionnaire that was received by them and further the Chairman of the Schools Committee personally tendered oral evidence before the Committee.

VII.—The Staff.

The Superintendents and their Offices and the Medical Inspection Staff.

47A. There were some additions made to the Superintending staff during the year under report. Owing to the increase in the number of Schools and pupils on the Marathi Girls' Schools and Gujarati Boys' Schools sides, the Committee sanctioned a post of a Supervisor for each side ; Miss Pachuben Khote, B.A., Head Mistress Kandewady Marathi Girls' School, was appointed as Lady Supervisor from 17th October 1928, under the Assistant Lady Superintendent, Marathi Schools, and Mr. Manibhai Pragji Desai, Head Master, Bhuleshwar Anglo-Vernacular School, was appointed from 17th October 1928, as Supervisor, under the Superintendent, Municipal Gujarati Schools. Mr. Pendurkar, Supervisor for F. Ward, was deputed on special duty to Inspect furniture in schools of all the three sides and Mr. S. K. Athavale, Head Master, Thakurdwar Marathi School, was appointed as an extra Supervisor in his place for a period of four months. The post of Assistant Lady Superintendent, Urdu Schools was filled permanently during the year under report by the appointment of Mrs. Fatma Begam, an experienced lady from Lahore. Mrs. Fatma Begam took charge of her duties from 6th November 1928. Mr. Mohmed Umar, B.A., Assistant' Madanpura Urdu School, was appointed temporarily for six months under the Superintendent, Aided Schools, as a Supervisor to help him in the Inspection of Urdu Schools and the Census work.

After the transfer of Dr. Frederic Lobo, M.B.B.S., D.P.H. (Cantab.), Medical Inspector, to the Health Department, Dr. V. J. Gidchapwala, Assistant Medical Inspector, was appointed permanently in his place as Medical Inspector, and Dr. M. S. Kapadia, as Assistant Medical Inspector, from 1st April 1928. Dr. G. V. Kher, Medical Inspector, retired from service owing to superannuation from 31st March 1929.

B. The following table gives the number of visits paid by the Superintendents and their staff to the Schools under their charge :—

Inspection and Supervision.

Name of Officer.	Designation.	No. of Visits paid.	Remarks.
1. Mr. N. G. Limaye, B.A., L.T. ..	Supdt., Marathi Schools	234	Exclusive of visits to Secretary's Office and buildings.
2. Mr. D. K. Ghanekar, B.A., L.T. ..	Asstt. Supdt., Marathi Schools	224	Was on P. L. for 11 days from 25th April 1928 to 5th May 1928.
3. Mr. G. M. Vaidya, M.A., S.T.C. ..	Deputy Supdt., Marathi Schools.. ..	318	
4. Mr. S. B. Pendurkar, (3rd Year Tr.)	Supervisor	312	Mr. Pendurkar was appointed for 4 months for counting all furniture articles in all schools.
5. Mr. L. G. Girme	Do.	282	
6. Mr. S. K. Athavale	Extra Supervisor	239	Appointed Extra Supervisor in place of Mr. S. B. Pendurkar.
7. Mrs. Shantabai Kashalkar, B.A. ..	Asstt. Lady Supdt., Marathi Schools ..	288	Was on Maternity leave for 1 month and 23 days from 1st April 1928 to 23rd May 1928.
8. Miss Pachuben Khote, B.A. ..	Lady Supervisor	125	Was appointed Supervisor from 17th October 1928.
9. Mr. H. G. Anjaria, M.A., LL.B. ..	Supdt., Gujarati Schools	325	
10. Mr. Manibhai Pragji	Supervisor, Gujarati Schools	134	Was appointed from 17th October 1928.
11. Miss S. Dallas, M.A.	Asstt. Lady Supdt., Gujarati Girls Schools.	191	Was on leave for 5 months and 10 days (P.L. + S. L.) from 12th October 1928.
12. Mr. A. R. Bhaiji, B.A.	Supdt., Urdu Schools	377	
13. Mr. A. Noorbhoy, B.A.	Deputy Supdt., Urdu Schools	442	
14. Miss F. Syed	Ag. Asstt. Lady Supdt., Urdu Schools ..	221	Upto 5th November 1928 only.
15. Mrs. Fatma Begam	Asstt. Lady Supdt., Urdu Schools ..	254	From 6th November 1928.
16. Mr. B. R. Manerikar, B.A. ..	Supdt., Aided Schools	296	
17. Mr. C. L. Baxi, B.A., L.T. ..	Asstt. Supdt., Aided Schools	283	Was on P. L. from 18th April 1928 to 31st May 1928 for 1 month and 14 days.
18. Mr. Mohomed Umar, B.A. ..	Temporary Supervisor Aided Schools ..	183	Was appointed from 2nd November 1928 for a period of 6 months.
19. Mr. H. V. Kamat	Supervisor for Drawing and Handicraft.	597	Exclusive of visits paid to Secretary's Office and the different Supdts. and for consultation to different business houses of Hardware merchants

The Teachers.

48. The total number of ordinary teachers went down from 1936 to 1920 during the year, as no additional teachers were either appointed or confirmed owing to the disturbed condition of the schools and the consequent fall in numbers. At the end of the year, there were on the rolls 49,659 pupils. The following table gives the number of teachers :—

Number of teachers on 31st March 1929.

Side.	Trained.			Untrained.			Total.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Marathi	353+ 1 Guj.	208	561+ 1 Guj.	469	116	585	822*+ 1 Guj.	324‡	1,146+ 1 Guj.
Gujarati	149	112	261	86	24	110	235†	136	371
Urdu	118	15	133	154	104	258	272	119	391
Tamil	..	..	..	11	..	11	11	..	11
Total ..	620+ 1 Guj.	335	955+ 1 Guj.	720	244	964	1340+ 1 Guj.	579	1,919+ 1 Guj.

* Out of 822, 13 temporary teachers were relieved on 1st April 1929.

‡ Out of 324, 5 temporary teachers were relieved on 1st April 1929.

† Out of these 235, 6 provisional teachers were relieved from 1st April 1929.

Percentage of Trained Teachers in	Marathi	Boys'	Schools ..	42.9
,, ,, ,,	,,	Girls'	,, ..	64.2
,, ,, ,,	Gujarati	Boys'	,, ..	63.4
,, ,, ,,	,,	Girls'	,, ..	82.3
,, ,, ,,	Urdu	Boys'	,, ..	43.3
,, ,, ,,	,,	Girls'	,, ..	12.6
,, ,, ,,	in all the Schools taken together ..			49.7

Number of Teachers on 31st March 1928.

Sides	Trained.			Untrained.			Total.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Marathi	362 +1 Guj.	205	567 +1 Guj.	468	105	573	830 +1 Guj.	310	1,140 +1 Guj.
Gujarati	159	120	279	71	24	95	230	144	374
Urdu	117	16	133	174	103	277	291	119	410
Tamil	..	..	..	11	..	11	11	..	11
Total ..	638 +1 Guj.	341	979 +1 Gu.	724	232	956	1,362 +1 Guj.	573	1,935 +1 Guj.

The classification of teachers as they stood on 31st March 1929, according to their qualifications is given below :—

Qualifications.	Marathi Schools.		Gujarati Schools.		Urdu Schools.		Tamil Schools.		Total, Schools.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
3rd Year Trained	103	99	54	68	38	1	..	..	195	168
2nd " "	131	54	44	14	29	1	..	..	204	69
1st " "	119	55	51	30	51	13	..	..	221	98
Total Trained ..	353	208	149	112	118	15	..	..	620	335
Qualified	124	41	32	..	52	19	..	..	208	60
V. F. s	327	32	21	..	45	7	..	..	393	39
Non V. F. s	9	39	24	22	50	78	..	..	83	139
Other Tamil Untrained	..	..	..	..	..	..	10	..	10	..
Total Untrained ..	460	112	77	22	147	104	10	..	694	238
Graduates	3	..	..	..	1	..	1	..	5	..
Matrics	6	..	9	..	6	..	..	..	21	..
Other English Qualified	..	4	..	2	..	..	..	..	..	6
Grand Total ..	822	324	235	136	272	119	11	..	1,340	579
									Total	1,919

49. The above tables will show that there was a fair percentage of trained teachers in the Municipal Schools except, on the Urdu Girls' Schools' side. The number of special teachers and their classification is given in the following table :—

Subject.	Marathi Schools.		Gujarati Schools.		Urdu Schools.		Total.	
	Boys' Schools.	Girls' Schools.	Boys' Schools.	Girls' Schools.	Boys' Schools.	Girls' Schools.	Boys' Schools.	Girls' Schools.
Drawing and Manual Training	11	5	4	3	5	2	20	10
Drill and Scouting	10*	5	6	3	6	2	22	10
Music	4½	8	2	5½	..	..	6½	13½
Sewing and Knitting ..	..	19	..	8	...	9½	...	36½
English	..	8	2	6	..	..	2	14
Koran Teaching	..	..	..	2	..	4	..	6
Hindi	1	..	(He teaches in Gujarati Schools also).				1	..
Manual Training and Handicraft.	..	..	3	..	2	..	5	..
Weaving	..	..	..	..	1†	..	1†	..
Montessori	..	1	..	1	..	..	..	2
Telugu Teaching	1	..	..	..	..	..	1	..
Total ..	27½	46	17	28½	14	17½ Total Grand	58½+ 150½	92

*One of the Drill and Scout Masters works as half-time only and acts as Scout Organiser for half-time.
† Works for half-time only.

The total number of peons, hamals and call boys, etc., employed in the schools was 318 on 31st March 1929.

The total staff under the Schools Committee on 31st March 1929 was, therefore, as follows :—

	No. of persons
The Secretary	1
Office Superintendent and Superintendent of Accounts ..	2
The Superintending Staff	15
The Supervisor of Drawing and Handicraft	1
The Medical Inspection Staff	6
The Dental Officers	2
The Junior Census Officer	1
The Scout Organiser	1

Head Master R. C. Training Institute and Assistants	3
Lady Librarian of the Ladies' Library	1
Haji Ismail Haji Yusuf Khatri Library Staff	2
Staff of the Furniture Store	2
Clerical staff of the Secretary's Office	25
Peons	9
Clerical staff of the offices of the Superintendents and Medical Inspectors	26
Peons	33

*

The staff in schools:--

Teachers, (Ordinary)	1,920
„ (Special)	151
Peons, Hamals, call boys, custodians, etc.	318
Malis	3
Grand Total	2,522

It may be mentioned here that the Schools Committee is always taking care to see that the staff is not superfluous and that no money is being wasted on that account. As the teachers form by far the larger part of the staff the Schools Committee referred to a Sub-Committee the question of framing permanent rules to determine the number of teachers to be given in each school after taking into consideration the number of pupils in that school. The Sub-Committee's report has been now received but as it was received after the close of the year 1928-29, further mention of it will be found in the next report.

Retirements and deaths from amongst the teachers.

51. There were 24 cases of deaths of school teachers and menials and they were due mostly to fevers, pneumonia and other diseases; 11 teachers retired during the year; most of the teachers who were dead or retired had put in a long and faithful service and some of them had risen to be heads of schools.

52. Lastly it would not be out-of-place to mention the valuable work done by the Committee's office staff, the Superintending and the Medical Inspection staff, the Supervisor of Drawing and Handicraft, the Dental Officers and the Teachers both ordinary and special. The Committee appreciate very much the co-operation of the Executive in matters of administration which were brought before them from time to time.

THE SCHOOLS COMMITTEE'S OFFICE,
Bombay, 23rd August 1929.

R. V. PARULEKAR,
Secretary, Schools Committee.

Appendix A.

Statement of Income and Expenditure of the "School Fund" for the year 1928-1929.

Receipts.	Rs. a. p.	Expenditure.		Rs. a. p.
Balance on 1st April 1928	4,34,507 7 5	A.—Schools.		
Fees from Municipal Schools	7,469 10 0	1. Headmasters and Teachers		18,59,937 1 1
Contribution from General Municipal Fund	28,11,560 0 0	2. Servants		86,790 3 0
Government Grant-in-Aid towards Buildings	....	3. Rent of School premises		4,76,459 4 3
Interest on Trust and Endowment Funds and Deposits	24,309 11 4	4. Class Books		3,080 14 9
Miscellaneous Receipts	829 11 0	5. School Furniture		4,638 7 9
Pension Fund subscription from the employees	10,722 13 0	6. Prizes		....
		7. Contingencies and Miscellaneous :—	Rs. a. p.	
		A. Scholarships in Schools	4,836 8 0	
		B. Visual Instruction	2,990 2 7	
		C. Boy Scouts and Girl Guides Movement in Municipal Schools	7,936 10 6	
		D. Municipal Sports Week	1,982 13 9	
		E. Miscellaneous Accounts	94,115 6 4	
				1,11,861 9 2
		8. Stipends to students under Training		8,151 12 0
		9. Superintendents and their Establishment		69,345 1 3
		10. Grants-in-Aid to Primary Schools		1,81,210 12 0
		11. Teachers' Libraries and Museum		2,783 4 9
		12. Medical Inspection		33,830 13 6
		13. Superintendent, Aided Schools, and his Establishment		11,708 6 9
		14. Census Establishment		21,347 6 3
		15. Free Reading Rooms and Libraries :—	Rs. a. p.	
		A. Public Reading Rooms	3,277 2 0	
		B. Library for Ladies	4,933 6 6	
				8,210 8 6
		16. Pension, Gratuity and Compassionate Allowance		38,378 13 0
		17. Municipal Contribution towards Provident Fund		88,547 8 0
		B. Buildings.		
		1. Repairs to Municipal Buildings		5,931 15 2
		Balance on 31st March 1929		2,77,185 7 7
Total Rs.	32,89,399 4 9	Total Rs.		32,89,399 4 9

The Schools Committee's Office,
Bombay, 6th August 1929.

S. M. PALEKAR,
Superintendent of Accounts.

R. V. PARULEKAR,
Secretary, Schools Committee.

Appendix B.

Balance Sheet of the "School Fund" for the year 1928-29.

LIABILITIES.	Rs. a. p.	Rs. a. p.
Deposit Account		9,357 12 3
Unclaimed Wages Deposit Account		2,480 13 0
Harkisondas Brijlal Prize Fund—		
Principal	600 0 0	
Interest	23 7 0	
		623 7 0
Dr. Blaney Prize Fund—		
Principal	1,300 0 0	
Interest	66 14 0	
		1,366 14 0
Madhavdas Raghnathdas Prize Fund—		
Principal	500 0 0	
Interest	17 4 0	
		517 4 0
Jivkore Lallubha Scholarship & Prize Fund—		
Principal	3,500 0 0	
Interest	95 0 0	
		3,595 0 0
Bachubai S. Bengalee Prize Fund—		
Principal	1,200 0 0	
Interest	51 14 0	
		1,251 14 0
Lady Hardinge Prize Fund—		
Principal	1,600 0 0	
Interest	83 13 0	
		1,683 13 0
R. S. Taki Scholarship & Prize Fund—		
Principal	1,100 0 0	
Interest	70 11 4	
		1,170 11 4
War Loan Prize Fund—		
Principal	3,800 0 0	
Interest	198 4 0	
		3,998 4 0
Rambhaba Laldas Prabhudas Endowment Prize Fund—		
Principal	10,000 0 0	
Interest	125 0 0	
		10,125 0 0
Parmanand Raja Endowment Fund	.....	13,800 0 0
Bai Valiba Vallabhdas Endowment Fund	.....	29,000 0 0
Nagardas Raghunathdas Scholarship Endowment Fund—		
Principal	23,000 0 0	
Interest	150 0 0	
		23,150 0 0
Navalbai Raghunathdas Scholarship Fund—		
Principal	2,800 0 0	
Interest	149 4 7	
		2,949 4 7
Madhavrao Rokde Endowment Fund..		27,500 0 0

ASSETS.			Rs. a. p.
1. Imperial Bank of India Paper Deposit Account.			
Trust Fund Investment Securities—	Rs.		
3½ per cent. Government Loan (1842-43)	37,300		
3½ per cent. Government Loan (1954-55)	3,200		
3½ per cent. Government Loan (1900-01)	13,000		
3½ per cent. Government Loan (1865)	1,000		
3½ per cent. Government Loan (1879)	1,000		
		55,500 0 0	
5 per cent. Indian War Loan (1929-47)	2,900		
5 per cent. Tax Free Loan (1945-55)	22,300		
		25,200 0 0	
6 per cent. Ten Years Bonds (1932)		12,200 0 0	
4 per cent. Bombay Municipal 24⅛ Lacs Loan (1943) ..		1,000 0 0	
4 per cent. Bombay Municipal 70 Lacs Loan (1974) ..		29,000 0 0	
6 per cent. Bombay Municipal 160 Lacs Loan (1954) ..		23,000 0 0	
6 per cent. Bombay Municipal 40 Lacs Loan (1949) ..		13,000 0 0	
4 per cent. Bombay Port Trust Bonds		26,500 0 0	
1 Share of the Ahmedabad Commercial Mills Co., Ltd...		1,000 0 0	
	Face Value	1,86,400 0 0	1,86,400 0 0
2. Surplus Cash Investment—			
3½ per cent. Government Loan (1900-01)	5,000		
3½ per cent. Government Loan (1842-43)	6,200		
		11,200 0 0	@ cost. 10,801 0 0
3. Securities from Contractors—			
3½ per cent. Government Loan (1879)	3,000		
3½ per cent. Government Loan (1842-43)	1,500		
		4,500 0 0	4,500 0 0
		2,02,100 0 0	2,01,701 0 0
		At Face Value.	
Chief Accountant, Bombay Municipality Deposit Account *re:* Provident Fund Investment		....	8,19,882 12 11
Central Bank of India, Ltd. Deposit Account—			
6 months at 4¾ per cent.		50,000 0 0	
At 7 days notice		50,000 0 0	
			1,00,000 0 0
Bank of India Ltd., Deposit Account—			
12 months at 4½ per cent.		1,08,000 0 0	
6 months at 4 per cent.		50,000 0 0	
			1,58,000 0 0
Advance Account—	Rs. a. p.		
(*a*) Advances to Officials, Secretary, Schools Committee ..	130 0 0		
,, Superintendent, Marathi Schools ..	65 0 0		
,, ,, Gujarati Schools ..	40 0 0		
,, ,, Urdu Schools	10 0 0		
,, ,, Aided Schools ..	40 0 0		
,, Cinema Supervisors	20 0 0		

N. G. Welinkar's Scholarship Endowment Fund—			
Principal	1,100 0 0		
Interest	45 14 1		
		1,145 14 1	
Jairajbhoy Pirbhoy School Trust Fund	....	2,300 0 0	
Thakar Peraj Padamsi Lohana Kanyashala Endowment Fund—			
Principal	8,500 0 0		
Interest	30 0 0		
		8,530 0 0	
Parvatibai Dwarkadas Prize Fund—			
Principal	200 0 0		
Interest	12 0 0		
		212 0 0	
Rahimtulla Currimbhoy Primary School Trust Fund—			
Principal	1,00,000 0 0		
Interest	9,235 11 0		
		1,09,235 11 0	
Golden Jubilee of the S. S. Bengali Girls' School Trust Fund—			
Principal	5,000 0 0		
Interest	474 12 7		
		5,474 12 7	
Dwarkadas Tribhuwandas Garba Lahani Prize Fund—			
Principal	2,500 0 0		
Interest	150 0 0		
		2,650 0 0	
Ratansi Mulji Scholarship Endowment Fund—			
Principal	10,000 0 0		
Interest	125 0 0		
		10,125 0 0	
Manakbai Ratansi Prize Fund—			
Principal	1,000 0 0		
Interest	39 8 0		
		1,039 8 0	
Dwarkadas Tribhowandas Prize Fund—			
Principal	2,500 0 0		
Interest	171 7 0		
		2,671 7 0	
Rahimtulla Currimbhoy Training Institute Scholarship Fund—			
Principal	18,000 0 0		
Interest	1,549 12 1		
		19,549 12 1	
Padmabai Quran Sharif Girls' School Trust Fund	.....	6,500 0 0	
Jeshtaram Premji Gujrati School Trust Fund	.....	9,100 0 0	
Paper Deposits from Contractors—			
Principal	4,500 0 0		
Interest	26 2 0		
		4,526 2 0	
Cash Deposits from Contractor	.....	520 0 0	
District Scout Commissioner's Deposit Account	.....	948 0 8	
Provident Fund Accounts—			
Subscription and Contribution	8,33,899 15 8		
Investments and Interest	56,084 1 9		
		8,89,984 1 5	
Excess of Receipts over Payment to 31st March 1929	.....	2,77,185 7 7	
Total Rs.		14,84,267 13 7	

Special Attendance Officer	20 0 0		
Head Teacher, Urdu Training School	25 0 0		
Lady Librarian	10 0 0		
Supervisor, Drawing and Handicraft, etc.	15 0 0		
Head Mistress, Matunga School (Cooking Class)	20 0 0		
Head Master, Foras Road Marathi Boys' School (Manual Training Class)	20 0 0		
		465 0 0	
(B) Advances to Head Teachers (Contingencies and Water Allowances)—			
Marathi Schools	1,974 0 0		
Gujarati Schools	852 8 0		
Urdu Schools	811 0 0		
		3,637 8 0	
(C) Advances account of Provident Fund		15,007 12 0	
			19,190 4 0
Bank Cash Balances—			
With the Imperial Bank of India		1,85,438 7 4	
In Office Treasury		55 5 4	
			1,85,493 12 8
Total Rs.			14,84,267 13 7

THE SCHOOLS COMMITTEE'S OFFICE,
Bombay, 22nd August 1929.

S. M. PALEKAR,
Superintendent of Accounts.

R. V. PARULEKAR,
Secretary, Schools Committee.

Appendix C.

The number of pupils in Municipal and Aided Schools according to their races was as under:—

Race.	1928-1929.			1927-1928.		
	Municipal.	Aided.	Total.	Municipal.	Aided.	Total.
Jews	354	380	734	268	471	739
Europeans and Eurasians	...	..	...	4	...	4
Portuguese and Indian Christians	458	407	865	521	453	974
Hindus	37,594	6,631	44,225	38,581	6,995	45,576
Mahommedans	9,766	5,888	15,654	9,291	5,654	14,945
Buddhists	...	..	...	3	..	3
Parsis	305	3,836	4,141	360	3,917	4,277
Sikhs and others	947	1	948	151	1	152
Jains	235	..	235	1,070	..	1,070
Total ..	49,659	17,143	66,802	50,249	17,491	67,740

THE SCHOOLS COMMITTEE'S OFFICE,
Bombay, 20th August 1929.

R. V. PARULEKAR,
Secretary, Schools Committee.

Appendix D.

THE PROGRESS OF PRIMARY EDUCATION IN BOMBAY.

A.—*Under the Joint Schools Committee.*

Year.	No. of Schools.	Increase or decrease compared with the previous year.	No. of Pupils.	Increase or decrease as compared with the previous year.	Expenditure on salaries of teachers and servants.	Expenditure on rent.	Total expenditure including miscellaneous expenditure.	Increase or decrease as compared with the previous year.
					Rs.	Rs.	Rs.	Rs.
*1890-91	62	.....	6,134	.....	45,000	19,000	81,861	.....
†1908-09	102	+ 40	10,314	+ 4,180	1,35,931 (Approximately).	58,422	1,54,888	+ 73,027

* Being the first year of the Joint Schools Committee.

† Being the last year.

B.—*Under the (Municipal) Schools Committee from year to year.*

1910-11	127	+ 13	13,255	+ 1,696	.....	.....	3,30,890	+ 42,688
1911-12	142	+ 15	15,861	+ 2,606	1,84,249	76,560	3,38,263	+ 7,373
1912-13	160	+ 18	16,746	+ 885	.....	.....	3,78,088	+ 39,825
1913-14	174	+ 14	18,846	+ 2,100	2,31,086	1,02,701	4,37,815	+ 59,727
1914-15	179	+ 5	18,046	— 800	2,52,901	1,14,618	4,77,963	+ 40,148
1915-16	183	+ 4	21,669	+ 3,623	2,65,460	1,20,192	5,02,173	+ 24,210
1916-17	195	+ 12	23,987	+ 2,318	3,05,155	1,32,913	5,68,398	+ 66,225
1917-18	211	+ 16	28,377	+ 4,390	3,87,829	1,63,197	6,95,243	+ 1,26,845
1918-19	233	+ 22	26,832	— 1,545	4,77,007	1,96,796	8,53,437	+ 1,58,194
1919-20	250	+ 17	28,228	+ 1,396	8,62,026	2,15,809	12,87,211	+ 4,33,774
1920-21	273	+ 23	32,211	+ 3,983	11,01,110	2,37,086	15,86,294	+ 2,99,083
1921-22	298	+ 25	35,062	+ 2,851	12,97,036	2,72,465	19,63,573	+ 3,77,279
1922-23	334	+ 36	36,840	+ 1,778	14,92,310	3,56,536	22,23,892	+ 2,60,319
1923-24	333	— 1	39,987	+ 3,147	16,11,058	4,14,703	24,38,974	+ 2,15,082
1924-25	337	+ 4	37,816	— 2,171	16,08,063	4,08,386	23,46,550	— 92,624
1925-26	343	+ 6	43,063	+ 5,247	16,08,745	4,67,961	25,44,099	+ 1,97,549
1926-27	345	+ 2	47,087	+ 4,024	17,38,553	4,91,356	30,33,991	+ 4,89,892
1927-28	344	— 1	50,249	+ 3,162	18,55,332	4,74,854	29,50,599	— 83,391
1928-29	341	— 3	49,659	— 590	19,46,727	4,76,459	30,12,213	+ 61,614

THE SCHOOLS COMMITTEE'S OFFICE,
Bombay, 20th August 1929.

R. V. PARULEKAR,
Secretary, Schools Committee.

Appendix E.

Table showing the grades of salaries of the employees under the Schools Committee as in force on the 31st March 1929.

Kind of Employees.	Scale of Salaries.	Remarks.
Superintending Staff.	Rs.	
Superintendents	270-10-380 + 50 C.A.	
Medical Inspectors	270-10-380 + 50 „	
Assistant Lady Superintendents	220-10-270 + 50 „	
Assistant Superintendents	220-10-270 + 40 „	
Deputy Superintendents	180-10-220 + 40 „	
Assistant Medical Inspectors	180-10-220 + 40 „	
Supervisors and Junior Census Officer ..	130-10-180 + 30 „	
Assistant Medical Inspector with qualifications lower than L. M. & S.	95- 5-120 + 40 „	
Head Clerks	150-5-190	
Clerks	60-5-150	
Teachers.		
Graduates	100-5-150	
Graduates with S. T. C. Diploma	125-5-175	
3rd Year Trained, Drill, Drawing, Music and Matriculated English Lady Teachers.	70-4-150	Drawing Teachers appointed from January 1926 are to get the grade of Rs. 60-3-120.
2nd Year Trained and Sewing Teachers and non-matriculated English Lady Teachers.	60-3-120	Sewing Mistresses to be appointed newly are to get the grade of Rs. 45-$\frac{3}{2}$-75 per mensem.
1st Year Trained	55-2-95	
Qualified	55-1$\frac{1}{2}$-85	
Untrained .. .. { V. F. Passed ..	40-1-60	
Untrained .. .. { Unpassed ..	30-1-45	
Lower Service.		
Peons	22-$\frac{1}{2}$-27 ..	The distinction between peons and hamals has been recently abolished and a common grade of Rs. 20-1-27 p.m. has been sanctioned for all menials in service, from 1st July 1929.
Hamals	20-$\frac{1}{2}$-24 ..	

The Schools Committee's Office,
Bombay, 20th August 1929.

R. V. PARULEKAR,
Secretary, Schools Committee.

Appendix F.

STATEMENT showing the New Schools opened during the last 5 years and their progress.

Name of School.	The year when it was opened and the number of pupils on roll at the end of that year and the succeeding years.				
	1924-25.	1925-26.	1926-27.	1927-28.	1928-29.
Marathi Schools.					
DeLisle Road Boys'	..	174	175	263	238
Naigaum Road Boys' No. 1	..	139	180	238	182
Ambewadi Boys'	..	206	240	255	186
Arthur Bridge Boys'	..	311	294	287	227
Cadell Cross Road Boys'	..	133	61	56	Closed.
Cadell Road No. 2 Boys'	..	30	114	118	143
Carol Road Boys'	..	109	75	Amalgamated with DeLisle Road.	..
Currey Road No. 2 Boys'	..	26	51	41	Closed.
Dadar Branch Boys'	..	55	50	Amalgamated with the Dadar Main School.	..
Dadar New Bhavanishanker Road	..	169	226	240	257
DeLisle Road Bridge Boys'	..	54	70	Amalgamated with DeLisle Road.	..
Dharavi Branch Boys'	..	71	88	90	79
Dharavi Koliwada Boys'	..	50	140	133	131
Garam Khada Boys'	..	102	93	74	64
Golanji Hill Boys'	..	186	210	155	158
Lady Hardinge Road Boys'	..	78	73	126	100
Lower Parel Boys'	..	89	91	Amalgamated with Sun Mill Road.	..
Love Grove Road Boys'	..	44	69	Closed.	..
Mahim Chunabhatti Boys'	..	118	183	212	205
Mahim Mori Road Boys' (Bazar Road)	..	66	62	57	30
Mahim Koliwada Boys'	..	58	59	55	61
Matunga Labour Camp Boys'	..	110	133	112	83
Matunga Road Boys'	..	48	157	160	144
Naigaum Road No. 2 Boys'	..	188	167	130	121
North Worli Boys'	..	68	244	365	323
Parel Govt. Gate Road Boys'	..	133	167	Closed by the end of 1926-27.	..
Parel Tank Road Boys'	..	72	79	53	44
Reay Road Boys' (Mazgaon Juna Bazar)	..	106	136	180	190
Shivdi Koliwada Boys'	..	50	130	136	109
Sun Mill Road Boys'	..	125	146	219	211
Lalbaug Boys'	..	181	230	202	174
Tulsi Pipe Road Boys'	..	132	Closed.	..	..
B. D. D. Chawl DeLisle Road Boys'	..	109	128	175	171
DeLisle Road L. P. Boys'	..	87	82	95	76
Lady Jamsedji Road Boys' (Branch)	..	26	Closed.	..	..
Currey Road Girls'	..	97	70	96	89
Fergusson Road Girls'	..	65	85	106	99
Parel Night	..	34	32	39	38
South Shivdi Boys'	..	....	110	135	103
Vadala Village Boys'	..	....	18	Opened & closed in the year 1926-27.	..
Parel Bhoiwada Cross Road Boys'	..	....	256	276	309
Towley Girls'	..	....	27	34	61
Dharavi Girls'	..	....	77	62	60
Tank Bunder Girls'	..	....	54	90	85
Worli Koliwada Girls'	..	....	54	75	78
Dadar Stable Boys'	..	....	....	39	38
Love Grove Pumping Station Boys'	..	....	....	42	42
DeLisle Road Night	..	....	....	30	30
Golanji Hill Girls'	..	....	....	103	73
Lalbaug Girls'	..	....	....	79	80
Matunga Station Road Girls'	..	....	....	107	128

Name of School.	The year when it was opened and the number of pupils on roll at the end of that year and the succeeding years.				
	1924-25.	1925-26.	1926-27.	1927-28.	1928-29.
Gujarathi Schools.					
Peraj Padamsi Lohana Girls'	200	264	253	231	250
Arthur Road Boys' (Now DeLisle Road No. 2) ..	..	60	61	Closed.	..
Dharavi Kumbharwada Boys'	..	34	32	34	47
DeLisle Road Boys' (No. 1)	..	35	56	Closed.	..
Jakeria Bunder Boys'	..	14	Closed.	....	..
Kalbadevi Hindi School	..	18	Closed.	....	..
Sankli St. Eng. Vern. Girls' School	..	41	50	58	52
Dana Bunder Boys'	..	....	60	62	27
Gamdevi Boys'	..	....	77	125	158
Chandanwadi Boys' (Now Princess Street) ..	..	....	39	47	56
Jacob Circle Boys'	..	....	68	74	78
Kamathipura Bazar Road Boys'	..	....	65	80	80
Fort Boys'	..	....	75	75	55
Sion Class	..	....	....	22	18
Urdu Schools.					
Arthur Road Boys'	..	40	68	60	83
Badra Baug Girls'	..	9	35	46	50
Padmabai Koran Sharif Boys'	..	....	....	101	105
Tamil Schools.					
Dharavi Boys	55	81	83	117	112
„ Night	41	132	67	81	88
Lower Parel Boys'	..	65	Closed.	....	..
Poibavdi Boys'	..	73	88	81	80
Matunga Boys'	..	....	26	63	64
Dadar Malayalam	..	....	60	84	68

THE SCHOOL COMMITTEE'S OFFICE,
Bombay, 1st September 1929.

R. V. PARULEKAR,
Secretary, Schools Committee.

SCHOOLS COMMITTEE'S ADMINISTRATION REPORT

FOR

1928-29.

Appendix G.—(1).

List of the Bombay Municipal Schools.

PRIMARY SCHOOLS IN BOMBAY

Annexed to Report

Serial No.	Description.	Name of the School.	Locality.	No. of pupils on roll on 31st March 1929.			Average attendance.	No. of Teachers.		
				Boys.	Girls.	Total.		Males.	Females.	Total.
WARD										
1	Marathi	Colaba Boys' School	Colaba Causeway	298	41	339	280	13	..	13
2	,, ...	Fort Boys' School	Frere Road	147	30	177	124	6	..	6
3	,, ...	Crawford Market Boys' School	Phaltan Road	144	19	163	109	5	..	5
4	,, ...	Lord Harris Boys' School ..	Carnac Road	246	..	246	190	11	..	11
5	,, ...	Lord Harris Girls' School ..	Do.	..	113	113	68	..	4	4
6	,, ...	Colaba Night School	Colaba Causeway	32	..	32	15	2	..	2
1	Gujarati	Fort Boys' School	Old Modikhana	55	..	55	44	2	..	2
2	,, ...	Rambhabai Girls' School ..	Manordas Street	..	51	51	53	..	2	2
1	Urdu	Fort Boys' School	Old Modikhana	59	30	89	68	3	2	5
2	,, ...	Colaba Boys' School	Hamal Road	60	6	66	54	2	..	2
WARD										
1	Marathi	Madhavrao Rokde Boys' School	Mandvi	170	..	170	95	6	..	6
2	,, ...	Chinch Bunder Boys' School ..	Chinch Bunder	142	3	145	69	5	..	5
3	,, ...	Dongri A. V. Boys' School ..	Near Babula Tank	357	..	357	168	15	..	15
4	,, ...	Nuttan Dongri Boys' School ..	Umerkhadi	258	49	307	155	9	..	9
5	,, ...	Mandvi Girls' Schools	Mandvi	..	122	122	57	..	3	3
6	,, ...	Dongri Girls' School	Near Babula Tank	..	192	192	93	..	7	7
1	Gujarati	Abdul Rehman St. Boys' School	Abdul Rehman Street	52	..	52	47	3	..	3
2	,, ...	Bhendi Bazar Boys' School ..	Baniyan Road	79	7	86	40	5	..	5
3	,, ...	Mandvi Boys' School	Carnac Road	51	..	51	38	2	..	2
4	,, ...	Walpakhadi Boys' School ..	Mazagaon	116	24	140	103	5	..	5
5	,, ...	J. P. Girls' School	Sandhurst Road	47	51	98	67	..	3	3
6	,, ...	Mandvi Girls' School	Carnac Road	..	87	87	47	..	3	3
7	,, ...	Musjid Bunder Girls' School ..	Musjid Bunder Road	10	72	82	47	..	2	2
8	,, ...	Nagdevi Street Girls' School ..	Nagdevi Street	13	138	151	116	..	4	4
9	,, ...	Peraj Padamsi Girls' School ..	Samuel Street	..	250	250	140	..	9	9
10	.. ..	Princess Street Girls' School ..	Princess Street	..	189	189	168	..	6	6
1	Urdu	Bengalipura Boys' School ..	Carnac Road	76	..	76	56	4	..	4
2	,, ...	Imamwada Boys' School ..	Jail Road	166	..	166	116	8	..	8
3	,, ...	Jaferbhai Rahimtulla Boys' School.	Sandhurst Road	172	..	172	118	7	..	7
4	,, ...	Khoja Mohalla Boys' School ..	Khoja Mohalla	153	..	153	125	4	..	4
5	,, ...	Kolsa Mohalla Boys' School ..	Kolsa Mohalla	80	..	80	55	3	..	3

WITH DETAILS—MUNICIPAL SCHOOLS.

for 1928-1929.

Annual Expenditure for 1928-29.					Average Expenditure per head.	Result of the IV Standard Certificate Examination.		
Teachers' salaries.	Pay of other servants.	Rent, if any.	Contingencies.	Total.		Appeared.	Passed.	Percentage of passed pupils.
A.								
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
9,804	500	2,136	192	12,632	37	19	14	74
5,520	247	1,440	120	7,327	41	8	8	100
3,996	247	1,500	120	5,863	36	14	14	100
9,144	432	....	216	9,792	40	34	33	97
3,918	264	....	108	4,290	38	10	8	80
492	....	....	96	588	18	....	....	....
1,272	360	100	14	1,746	31	3	1	....
1,872	264	105	6	2,247	43	....	....	....
4,708	300	2,280	144	7,632	85	6	3	50
2,088	....	564	108	2,760	41	3	3	00
B								
5,232	415	....	204	5,851	34	16	16	100
4,596	....	2,160	168	6,924	48	8	8	100
14,592	948	....	300	15,840	45	22	14	63
8,124	....	3,076	204	11,404	37	29	27	93
2,724	324	....	84	3,132	26	5	5	100
6,204	270	....	108	6,582	34	7	5	71
3,156	....	155	14	3,325	63	1	1	....
3,768	....	204	14	3,986	45	6	6	..
2,220	240	....	11	2,471	65	4	4	....
2,700	312	130	8	3,150	22	12	5	....
2,500	600	160	9	3,269	33	4	3	....
2,568	324	....	7	2,899	34	....	....	....
3,420	264	100	6	3,790	51	....	....	....
3,410	288	150	7	3,885	28	....	....	....
11,340	516	350	9	12,215	48	....	....	....
7,104	600	287	9	8,000	42	....	....	....
3,720	....	1,092	108	4,920	64	3	3	100
5,112	....	....	132	5,244	31	9	8	88
8,484	176	....	144	8,804	51	8	8	100
3,720	....	1,980	144	5,844	38	7	7	100
3,276	....	1,128	120	4,524	56	2	2	100

Serial No.	Description.	Name of the School.	Locality.	Number of Pupils on Roll on 31st March 1929.			Average attendance.	Number of Teachers.		
				Boys.	Girls.	Total.		Males.	Females.	Total.
										WARD
6	Urdu	Murhgi Mohalla School ..	Memonwada Street	58	54	112	80	4	1	5
7	,, ...	Nishanpada Boys' School ..	Nishanpada Road	79	41	120	94	4	..	4
8	,, ...	Padmabai Boys' School ..	Chukla Street	78	27	105	80	4	1	5
9	,, ...	Rangari Mohalla Boys' School .	Sarang Street	70	..	70	54	3	..	3
10	,, ...	Bengalipura Girls' School ..	Carnac Road	..	75	75	45	..	3	3
11	,, ...	Chhatri Sarang Girls' School ..	Chhatri Sarang	..	81	81	46	..	4	4
12	,, ...	Khoja Mohalla Girls' School ..	Pydowni Road	10	67	77	55	..	3	3
13	, ...	Kolsa Mohalla Girls' School ..	Kolsa Mohalla	..	145	145	67	..	4	4
14	, ...	Memonwada Girls' School ..	Sandhurst Road	..	155	155	106	..	6	6
15	.. ..	Rangari Mohalla Girls' School .	Sarang Street	..	75	75	52	..	2	2
										WARD
1	Marathi	Dhobitalao Boys' School ..	Princess Street Naka	73	20	93	37	4	..	4
2	,, ...	Kalbadevi Boys' School ..	Angre's Wada	118	..	118	77	5	..	5
3	,, ...	Navi Wadi Boys' School ..	Dady Agiary Lane	316	9	325	223	12	..	12
4	,, ...	Thakurdwar Boys' School ..	Girgaum Road	370	..	370	310	16	..	16
5	,, ...	South Girgaum Boys' School ..	Jitekar's Wadi	363	..	363	248	12	..	12
6	,, ..	Sutar Lane Boys' School ..	Suttar Lane	141	18	159	124	6	..	6
7	,, ...	Nalbazar Boys' School ..	Nalbazar	183	11	194	122	7	..	7
8	,, ...	Parmanand Raja Boys' School	Near Durgadevi Temple	230	..	230	115	8	..	8
9	,, ...	Kalbadevi Girls' School ..	Angrewada	..	80	80	55	..	3	3
10	,, ...	Naviwadi Girls' School ..	Naviwadi	3	328	331	164	..	13	13
11	,, ..	Thakurdwar Girls' School ..	Girgaum Road	..	363	363	235	..	14	14
12	,,	South Girgaum Girls' School ..	Jitekar's Wadi	..	311	311	199	..	13	13
13	,, ...	Suttar Lane Girls' School ..	Suttar Lane	..	110	110	64	..	4	4
14	,, ...	Durgadevi Girl's Shool	Near Durga Devi. Temple	9	151	160	60	..	5	5
15	,, ...	Durga Devi Night School ..	*Do.*	30	..	30	12	2	..	2
1	Gujarati	Bhuleshwar A. V. School ..	Bhuleshwar Road	604	..	604	455	22	..	22
2	,, ..	Buddhivardhak Boys' School ..	Kalbadevi Road	263	..	263	200	11	..	11
3	,, ...	C. P. Tank Boys' School ..	Thakurdwar Road	230	..	230	198	9	..	9
4	,, ...	Jeshtaram P. A. V. School ..	Durgadevi Road	155	..	155	142	9	..	9
5	,, ...	Kapad Bazar Boys School ..	Sheikh Memon Street	245	..	245	196	10	..	10
6	.. .. ..	Lord Harris Boys' School ..	Princess Street	313	..	313	253	13	..	13
7	,, ...	Nagardass Boys' School ..	Gaiwadi	383	..	383	277	13	..	13

Annual Expenditure for 1928-29.					Average Expenditure per head.	Result of the IV Standard Certificate Examination.		
Teachers' salaries.	Pay of other servants.	Rent, if any.	Contingencies.	Total.		Appeared.	Passed.	Percentage of passed pupils.
B—*contd.*								
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
5,292	312	1,680	120	7,404	66	....	....	....
4,164	....	1,320	156	5,640	47	....	....	....
2,952	264	480	72	3,368	32	....	....	....
4,080	....	1,200	108	5,388	77	....	....	....
3,060	264	....	84	3,408	45	1	....	....
5,712	264	1,080	84	7,140	88	1	1	100
1,632	324	1,200	72	3,228	43	....	....	....
1,680	300	864	84	2,938	20	....	....	....
4,500	516	....	84	5,100	33	4	2	50
1,464	288	1,200	72	3,024	40	....	....	....
C.								
3,984	225	1,800	108	6,117	66	....	....	....
4,812	....	1,200	192	6,204	52	14	14	100
9,502	312	4,200	228	14,442	44	33	31	94
15,540	258	7,320	180	23,568	63	55	50	90
10,908	258	2,946	156	14,268	39	44	41	93
5,700	....	2,220	120	8,040	50	23	22	96
6,720	240	3,600	120	10,680	55	24	21	87
6,816	....	2,580	240	9,636	42	23	20	87
3,396	324	1,200	72	4,992	62	5	5	100
9,996	534	4,200	144	14,874	45	27	22	81
12,612	570	....	180	13,362	36	34	29	85
13,080	528	4,566	120	18,294	59	28	25	89
3,696	324	1,092	84	5,196	47	7	2	28
4,620	324	1,800	96	6,840	43	5	4	80
528	....	....	96	624	20	....	....	....
25,272	840	....	27	26,139	43	79	71	....
15,900	260	315	11	16,486	62	39	38	....
10,248	264	95	11	10,618	46	41	39	....
8,650	240	217	12	9,119	59	29	20	....
12,420	264	233	13	2,930	52	45	44	....
13,260	516	479	20	14,275	45	45	41	....
18,248	516	300	20	14,084	38	69	66	....

Serial No.	Description.	Name of the School.	Locality	Number of Pupils on Roll on 31st March 1929,			Average attendance.	Number of Teachers.		
				Boys.	Girls.	Total.		Males.	Females.	Total.
										WARD
8	Gujarati	Nal Bazar Boys' School ..	Sandhurst Road	306	..	306	224	10	..	10
9	,, ...	Princess Street Boys' School ..	End of Princess Street	53	3	56	32	2	..	2
10	,, ...	Bhuleshwar Girls' School ..	Bhuleshwar Road	..	220	220	151	..	7	7
11	,, ...	Bhuleshwar L. P. Girls' School.	Do.	..	114	114	77	..	3	3
12	,, ...	C. P. Tank Girls' School ..	Thakurdwar Road	..	119	119	81	..	5	5
13	,, ...	Jestaram Premji Girls' School .	Durgadevi Road	..	74	74	55	..	3	3
14	,, ...	Kalbadevi Girls' School ..	Kalbadevi Road	..	506	506	327	..	13	13
15	,, ...	Kapad Bazar Girls' School ..	Zaveri Bazar	..	168	168	106	..	6	6
16	,, ...	Nal Bazar Girls' School ..	Sandhurst Road	..	186	186	126	..	7	7
17	,, ...	Valibai Girls' School	Dady Seth Agiari Lane	..	408	408	277	..	14	14
1	Urdu	Ali Umar Street Boys' School..	Ali Umar Street	36	14	50	40	2	..	2
2	,, ...	Mutton Street Boys' School ..	Mutton Street	124	..	124	98	6	..	6
3	,, ...	Ghogari Mohalla Boys' School	Ghogari Mohalla	70	..	70	45	3	..	3
4	,, ...	Islampura Boys' School ..	Islampura	90	..	90	68	3	..	3
5	,, ...	Khara Talao Boys' School ..	Khara Talao	200	..	200	151	9	..	9
6	,, ...	Nal Bazar Boys' School ..	Sandhurst Road	118	..	118	93	4	..	4
7	,, ...	Nizampura Boys' School ..	Nizampura	200	..	200	79	8	..	8
8	,, ...	Pricesss Street Boys' School ..	Princess Street	87	..	87	55	3	..	3
9	,, ...	Chimna Butcher Street Girls' School.	Chimna Butcher Street	..	139	139	88	..	6	6
10	,, ...	Ghogari Mohalla Girls' School .	Ghogari Mohalla	..	68	68	41	..	4	4
11	,, ...	Islampur Girls' School ..	Islampura	..	51	51	38	..	3	3
12	,, ...	Khara Talao Girls' School ..	Khara Talao	..	60	60	30	..	3	3
13	,, ...	Nal Bazar Girls' School ..	Nal Bazar	..	72	72	44	..	3	3
14	,, ...	Nizampura Girls' School ..	Nizampura	..	150	150	92	..	5	5
15	,, ...	Princess Street Girls' School ..	Princess Street	..	60	60	35	..	2	2
										WARD
1	Marathi	Banganga Boys' School ..	Near Walkeshwar Temple	146	39	185	150	6	..	6
2	,, ...	Walkeshwar Boys' School ..	Multan Wadi	46	19	65	48	3	..	3
3	,, ...	Mahalaxmi Boys' School ..	Near Mahalazmi Temple	97	23	120	90	6	..	6
4	,, ...	Girgaum Boys' School.. ..	Kelewadi Naka	491	..	491	394	19	..	19
5	,, ...	Mugbhat Boys' School ..	Mugbhat Naka	260	..	260	188	9	..	9
6	,, ...	Khetwadi A. V. Boys' School.	Khetwadi 1st Lane	354	3	357	295	16	..	16
7	,, ...	Kandewadi Boys' School ..	Kandewadi	251	11	262	195	10	..	10

Annual Expenditure for 1928-29.					Average Expenditure per head.	Result of the IV Standard Certificate Examination.		
Teachers' salaries.	Pay of other servants.	Rent, if any.	Contingencies.	Total.		Appeared.	Passed.	Percentage of passed pupils.
C—*contd.*								
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
13,104	720	....	14	13,838	45	34	33	....
2,232	....	127	10	2,369	40	....	....	....
9,216	588	....	10	9,814	44	....	....	....
3,660	588	....	8	4,256	37	....	....	....
5,892	264	80	13	6,249	52	....	....	....
2,608	324	107	8	3,047	41	....	....	....
16,056	972	389	21	17,448	34	....	....	....
7,896	312	250	13	8,471	50	....	....	....
8,352	528	....	14	8,894	47	....	....	....
18,876	828	325	13	20,042	49	....	....	....
1,476	....	600	108	2,184	43	....	....	....
5,712	264	1,760	144	7,880	63	2	2	100
2,592	....	....	108	2,700	38	....	....	....
3,504	....	1,680	108	5,352	59	8	7	87
9,888	276	1,380	132	11,676	58	7	7	100
3,852	....	1,680	144	5,671	48	4	4	100
8,844	264	1,380	144	10,632	53	22	19	86
3,960	....	1,800	108	5,568	64	6	5	83
5,268	540	1,850	120	7,778	56	5	2	40
2,016	300	1,200	84	3,600	53	....	....	....
2,100	276	....	72	2,448	48	....	....	....
2,148	276	540	72	3,036	50	....	....	....
2,244	300	1,200	72	3,816	53	....	....	....
4,980	552	1,080	108	6,720	45	3	2	66
2,700	276	....	72	3,048	51	....	....	....
D.								
4,758	292	1,800	108	6,958	37	18	14	77
2,688	....	1,680	168	4,536	69	1	1	100
4,872	....	1,500	120	6,492	54	13	13	100
15,804	499	4,650	216	21,169	43	56	56	100
7,248	225	2,172	144	9,789	37	37	36	98
17,848	658	....	252	18,758	49	24	20	83
8,136	247	2,880	132	11,395	43	45	41	91

Serial No.	Description.	Name of the School.	Locality.	Number of Pupils on Roll on 31st March 1929.			Average attendance.	Number of Teachers.		
				Boys.	Girls.	Total.		Males.	Females.	Total.
										WARD
8	Marathi	Angrewadi Boys' School ..	Angrewadi	232	1	233	188	8	..	8
9	,, ...	Charni Road Boy's School ..	Near Prarthana Samaj	137	..	137	104	5	..	5
10	,, ...	West Khetwadi Boys' School ..	Khetwadi 9th Lane.	173	..	173	124	6	..	6
11	,, ..	Lamington Road Boys' School	Tribhuwan Terraces	396	..	396	344	15	..	15
12	,, ...	Gamdevi Boys' School ..	Near Gamdevi Temple	255	26	281	228	11	..	11
13	,, ...	Shankar Shet Road Boys' School.	Shankar Shet Road, Grant Road ..	161	14	175	125	6	..	6
14	,, ...	Grant Road Boys' School ..	Chikhalwadi No. I.	254	..	254	204	9	..	9
15	,,	Girgaum Girls' School	Kelewadi Naka	..	350	350	255	..	12	12
16	,, ...	Mugbhat Girls' School	Mugbhat Borbhat Lane	..	218	218	128	..	9	9
17	,, ...	Kandewadi Girls' School ..	Shenvi Alley	14	223	237	150	..	10	10
18	,, ...	Angrewadi Girls' School ..	Girgaum Back Road	..	251	251	200	..	10	10
19	,, ...	Charni Road Girls' School ..	Near Prarthana Samaj ..	..	180	180	121	..	7	7
20	,, ...	West Khetwadi Girls' School ..	Khetwadi 9th Lane	..	104	104	55	..	4	4
21	,, ...	Lamington Road Girls' School	Tribhuvan Terraces	21	406	427	351	..	14	14
22	,, ...	Gamdevi Girls' School	Dambar Lane.	..	132	132	98	..	6	6
23	,, ..	Grant Road Girls' School ..	Chikalwadi No. I. ..	..	200	200	140	..	8	8
1	Gujarati	Gamdevi Boys' School ..	Harvey Road	115	43	158	111	5	..	5
2	,, ...	Girgaum Boys' School	Girgaum Back Road	128	..	128	106	7	..	7
3	,, ...	Gilder Tank Boys' School ..	Lamington Road	77	..	77	59	3	..	3
4	,, ...	Kandewadi Boy's School ..	Girgaum Back Road	172	50	222	180	7	..	7
5	,, ...	Kika Street Boys' School ..	Kika Street	181	..	181	131	7	..	7
6	,, ...	Ruttonsey Moolji Boys' School ..	Malabar Hill	108	32	140	106	4	1	5
7	,, ...	Sandhurst Road Boys' School	Sandhurst Road	88	2	90	69	3	..	3
8	,, ...	Girgaum Girls' School	Girgaum Back Road	..	151	151	140	..	5	5
9	,, ...	Gilder Tank Girls' School ..	Lamington Road	..	80	80	64	..	4	4
10	,, ...	Khetwadi Girls' School ..	Khetwadi	..	42	42	33	..	2	2
11	, . ..	Kika Street Girls' School ..	Gulalwadi	..	217	217	140	..	7	7
12	,, ...	S. S. Bengali Girls' School ..	Karelwadi	34	102	136	100	..	7	7
1	Urdu	Arab Gali Boys' School ..	Arab Gali	53	37	90	66	3	1	4
2	,, ...	Falkland Road Boys' School ..	Falkland Road	100	..	100	74	4	..	4
3	,, ...	Karelwadi Boys' School ..	Thakurdwar Road	34	26	60	36	4	1	5
4	,, ...	Walkeshwar Boys' School ..	Doongersey Road	24	13	37	24	2	..	2
5	,, ...	Badar Baugh Girls' School ..	Balaram Street	..	50	50	38	..	4	4

Annual Expenditure for 1928-29.					Average Expenditure per head.	Result of the IV Standard Certificate Examination.		
Teachers' salaries.	Pay of other servants.	Rent, if any.	Contingencies.	Total.		Appeared.	Passed.	Percentage of passed pupils.
D—*contd.*								
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
7,560	....	2,100	228	9,888	42	39	27	89
4,728	....	2,700	192	7,620	55	21	14	67
4,824	....	1,656	216	6,696	50	15	15	100
16,188	552	6,000	180	22,920	57	63	62	100
9,432	258	3,348	228	13,266	47	37	35	94
5,076	....	1,560	216	6,852	39	12	11	91
7,775	242	3,132	192	11,342	44	31	30	96
12,996	606	3,450	120	17,172	49	38	34	89
7,794	300	2,640	108	10,842	49	19	19	100
9,300	582	3,000	120	13,002	54	19	19	100
8,916	552	2,520	120	12,108	48	38	36	94
6,600	300	2,400	108	9,408	52	15	15	100
3,384	318	1,368	96	5,166	49	6	5	83
13,524	810	2,700	180	17,214	40	63	57	90
5,376	312	1,500	120	7,308	54	9	9	100
7,380	312	2,403	204	10,299	51	24	22	97
4,284	264	125	9	4,682	49	5	5	....
7,224	....	185	25	7,434	58	32	20	....
3,252	360	....	14	3,626	46	12	12	....
8,028	312	145	13	8,498	38	28	24	....
7,116	....	150	25	7,291	40	32	32	....
4,128	300	85	12	4,525	32	12	11	....
2,904	....	130	13	3,047	33	9	8	....
5,383	300	165	9	5,862	38	....	....	....
3,912	324	....	6	4,242	53	....	....	....
2,268	276	62	6	2,612	62	....	....	....
11,556	564	315	12	12,447	57	....	....	....
11,388	540	....	48	11,976	87	....	....	....
3,156	288	1,800	108	5,352	59	3	3	100
4,332	....	1,980	132	6,444	64	6	3	50
3,240	300	1,020	120	4,680	78	2	1	50
1,632	....	780	108	2,520	68	....	....	....
1,548	276	480	60	2,364	47	4	2	50

Serial No.	Description.	Name of the School.	Locality.	Number of Pupils on Roll on 31st March 1929.			Average Attendance.	Number of Teachers.		
				Boys.	Girls.	Total.		Males.	Females.	Total.
										WARD
6	Urdu	Falkland Road Girls' School ..	Falkland Road	..	53	53	40	..	3	3
7	,, ...	Falkland Road Night School ..	Falkland Road	18	..	18	7	2	..	2
8	,, ...	Karelwadi Night School ..	Thakurdwar	16	..	16	9	1	..	1
										WARD
1	Marathi	Agripada Boys' School ..	Agripada, Vayli Road	381	49	430	318	15	..	15
2	,, ...	Byculla Boys' School ..	Delisle Road	501	..	501	292	19	..	19
3	,, ...	Chinchpoogli Boys' School ..	Lady Northcote Orphanage Building.	326	..	326	217	14	..	14
4	,, ...	Clarke Road Boys' School ..	Clarke Road	112	16	128	114	5	..	5
5	,, ...	Duncan Road Boys' School ..	Duncan Road	192	30	222	96	8	..	8
6	,, ...	Foras Road Boys' School ..	Foras Road	473	..	473	266	19	..	19
7	,, ...	Ghodapdeo Boys' School ..	115, Ghodapdeo	390	..	390	219	15	..	15
8	,, ...	Gildar Tank Boys' School ..	Near Pannalal Terraces	235	..	235	169	8	..	8
9	,, ...	Kamathipura A. V. Boys' School.	Kamathi pura 10th Lane	240	..	240	197	8	..	8
10	,, ...	Mazagaon Boys' School ..	Dock Yard	346	..	346	209	12	..	12
11	,, ...	Mazagaon Old Bazar Boys' School.	Reay Road	147	43	190	143	7	..	7
12	,, ...	Navanagpada Boys' School ..	Navanagpada..	202	..	202	115	8	..	8
13	,, ...	Ripon Road Boys' School ..	Ripon Road	67	8	75	21	3	..	3
14	,, ...	South Kamathipura Boys' School.	Kamatipura Central Road	270	17	287	204	13	..	13
15	,, ...	Taddeo Bridge Boys' School ..	Near Tram Terminus, Tardeo Bridge	260	..	260	213	10	..	10
16	,, ...	Victoria Garden Boys' School...	Sussex Road	125	21	146	125	6	..	6
17	,, ...	Byculla Girls' School	DeLisle Road	..	140	140	53	..	6	c 6
18	,, ...	Chinchpoogli Girls' School ..	Lady Northcote Orphanage ..	..	130	130	37	..	4	4
19	,, ...	Foras Road Girls' School ..	Foras Road	..	56	56	31	..	3	3
20	,, ...	Ghodapdeo Girls' School ..	115, Ghodapdeo	..	121	121	65	..	4	4
21	,, ...	Gilder Tank Girls' School ..	Near Pannalal Terraces	..	108	108	71	..	4	4
22	,, ...	Kamathipura Girls' School ..	Kamathipura 10th Lane, ...	..	231	231	176	..	10	10
23	,, ...	Mazagaon Girls' School ..	Dock Yard	..	77	77	48	..	3	3
24	,, ...	Navanagpada Girls' School ..	Navanagpada..	..	105	105	58	..	4	4
25	,, ...	Taddeo Bridge Girls' School ..	Near Taddeo Bridge Tram Terminus	..	107	107	70	..	4	4
26	,, ...	Tank Bunder Girls' School ..	Tank Bunder Road	35	50	85	50	..	4	4
27	,, ...	Towley Girls' School	Near Parsi Statue	..	61	61	52	..	2	2
28	,, ...	Madanpura Girls' School ..	Agripada, Vayli Road	..	103	103	64	..	3	3

Annual Expenditure for 1928-29.					Average expenditure per head.	Result of the Vernacular IV Standard Certificate Examination.		
Teachers' salaries.	Pay of other servants.	Rent, if any.	Contingencies.	Total.		Appeared.	Passed.	Percentage of passed pupils.
D—*contd.*								
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
1,992	276	696	72	3,036	57	3	3	100
41	....	....	24	65	4	....	....	....
22	....	....	96	118	7	....	....	....
E.								
12,468	732	4,110	240	17,550	40	36	34	94
16,848	1,456	....	288	18,592	37	54	50	92
11,748	732	1,962	288	14,730	45	23	23	100
4,092	....	1,800	192	6,084	47	12	9	75
6,372	236	2,640	132	9,380	42	10	10	100
15,798	484	6,680	240	23,202	49	37	25	6
13,044	518	1,440	198	15,200	39	33	30	90
8,988	231	....	144	9,363	39	15	15	100
9,144	258	3,280	156	12,838	53	12	10	83
9,624	504	3,000	192	13,320	38	28	28	100
5,424	264	1,920	132	7,740	40	15	15	100
6,168	240	5,100	144	11,652	82	23	23	100
2,220	....	900	108	3,228	43	....	....	....
9,708	240	3,120	144	13,212	46	21	18	86
17,328	....	3,912	144	21,384	82	19	19	100
6,000	....	1,200	180	7,380	50	13	8	61
5,634	324	....	96	6,054	43	8	8	100
3,348	276	1,950	96	5,670	43	1	1	100
2,904	294	1,020	72	4,290	76	....	....	....
3,552	314	840	96	4,802	39	....	..	....
3,486	264	....	84	3,834	35	8	8	100
8,226	540	980	96	9,842	42	9	7	78
3,072	270	....	84	3,426	44	....	....	....
4,266	306	....	84	4,656	44	3	2	66
4,452	294	1,560	84	6,390	59	6	5	83
2,928	264	900	84	4,176	49	1	1	100
1,680	..	Free	84	1,764	29	....	....	....
2,520	294	750	84	3,648	35	5	3	60

Serial No.	Description.	Name of the School.	Locality.	Number of Pupils on Roll on 31st March 1929.			Average Attendance.	Number of Teachers.		
				Boys.	Girls.	Total.		Males.	Females.	Total.
										WARD
29	Marathi	Byculla Night School	DeLisle Road	32	..	32	7	2	..	2
30	,, ...	Chinchpoogli Night School ..	Lady North cote Orphanage Building.	53	..	53	25	3	..	3
31	,, ...	Ghodapdeo Night School ..	Ghodapdeo	51	..	51	16	3	..	3
1	Gujarathi ..	Byculla Boys' School	DeLisle Road	39	12	51	29	4	..	4
2	,, ...	Kamathipura Boys' School ..	Kamathipura 3rd Lane	172	24	196	84	7	..	7
3	,, ...	Kamathipura Bazar Road Boys' School.	Kamathipura 8th Lane	66	14	80	54	3	..	3
4	,, ...	Mazagaon Boys' School ..	Mazagaon	43	15	58	39	3	..	3
5	,, ...	Byculla Girls' School	Khambatta Lane	58	49	98	79	..	4	4
6	,, ...	Sankli Street English Vernacular Girls' School.	Agripada	29	22	51	37	..	2	2
1	Urdu	DeLisle Road Boys' School No. 1.	DeLisle Road	90	..	90	72	4	..	4
2	,, ...	Foras Road Boys' School ..	Foras Road	77	56	133	97	4	1	5
3	,, ...	Jacob Circle Boys' School ..	Clerk Road	56	..	56	40	4	..	4
4	,, ...	Kamathipura Boys' School ..	Kamathipura	91	49	140	103	4	1	5
5	,, ...	Kamathipura Central Bazar Road Boys' School.	Kamathipura Road Central Bazar.	57	46	103	79	3	1	4
6	,, ...	Khandia Street Boys' School ..	Khandia Street	250	..	250	192	12	..	12
7	,, ...	Madanpura Boys' School ..	Morland Road	302	..	302	221	10	..	10
8	,, ...	Mazagaon Boys' School ..	Mazagaon	150	..	150	109	5	..	5
9	,, ...	Morland Road Boys' School ..	Morland Road	113	..	113	88	5	..	5
10	,, ...	Nagpada A. V. School	Huzria Street	305	10	315	238	12	..	12
11	,, ...	Chinchpokli Boys' School ..	Kalachowki Road	93	27	120	64	4	..	4
12	,, ...	Ripon Road Boys' School ..	Ripon Road	120	..	120	87	6	..	6
13	,, ...	Safrabadi Boys' School ..	Ghelabhai Street	128	..	128	80	5	..	5
14	,, ...	Sankli Street Boys' School ..	Ripon Road	75	..	75	55	4	..	4
15	,, ...	Sankli Cross Street Boys' School	Sankli Cross Street	42	14	56	40	3	..	3
16	,, ...	Tank Bunder Boys' School ..	Tank Bunder	92	..	92	64	3	..	3
17	, ...	Telli Mohalla Boys' School ..	Telli Mohalla	74	..	74	38	3	..	3
18	,, ...	Temkar Street Boys' School ..	Temkar Street	100	..	100	72	4	..	4
19	,, ...	Undria Street Boys' School ..	Undria Street	50	..	50	37	3	..	3
20	,, ...	Victoria Garden Boys' School	Parel Road	41	15	56	38	3	..	3
21	,, ...	Wadi Bunder Boys' School ..	Wadi Bunder	88	..	88	58	4	..	4
22	,, ...	Yakoob Street Boys' School ..	Pakhamodia Street	105	..	105	70	4	..	4
23	,, ...	DeLisle Road Girls' School ..	DeLisle Road	..	56	56	34	..	2	2
24	,, ...	Jacob Circle Girls' School ..	Clarke Road	..	45	45	32	..	3	3
25	,, ...	Khandia Street Girls' School ..	Khandia Street	..	175	175	118	..	6	6

Annual Expenditure for 1928-29.					Average expenditure per head.	Result of the Vernacular IV Standard Certificate Examination.		
Teachers' salaries.	Pay of other servants.	Rent, if any.	Contingencies.	Total.		Appeared.	Passed.	Percentage of passed pupils.
E—*contd.*								
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
492	....	....	96	588	18	....	....	....
696	....	....	96	792	15	....	....	....
648	....	....	144	792	15	....	....	....
3,648	....	....	10	3,658	71	5	2	....
6,120	300	137	10	6,567	33	5	1	....
2,688	....	50	10	2,748	34	1	1	....
5,208	300	65	8	5,581	92	....	....	....
3,792	264	65	7	4,128	42	7	2	
1,824	264	73	5	2,166	42	....	..	....
3,636	....	1,500	120	5,256	58	3	2	66
5,448	276	1,368	108	7,200	54	....	....	..
3,972	....	1,800	120	4,892	87	6	5	83
3,156	264	900	108	4,428	31	2	2	100
3,252	312	1,644	120	5,328	53	....	....	....
12,240	528	6,072	156	18,976	76	15	13	86
10,944	732	....	144	11,820	39	25	19	76
6,336	240	2,040	120	8,736	58	12	10	83
4,164	....	1,884	120	6,168	54	7	7	100
14,472	792	3,900	132	19,296	61	16	15	93
2,976	264	1,944	120	5,304	44	3	1	33
6,372	264	1,512	120	8,268	69	11	10	90
3,734	....	1,500	108	5,342	42	....	....	....
3,996	....	720	120	4,836	64	8	6	75
2,172	....	660	08	2,940	52	....	....	....
4,296	....	1,800	120	6,216	68	....	....	....
2,328	....	1,800	108	4,236	57	....	....	....
5,760	....	996	120	6,876	69	9	8	88
3,204	....	....	120	3,324	66	....	..	....
1,500	....	1,200	120	2,820	50	....	....	....
3,108	....	780	108	3,996	45	8	7	87
4,308	....	..	132	4,440	42	3	3	100
2,928	264	..	72	3,274	58	3	1	33
1,824	312	..	72	2,258	50	..	....	....
5,052	516	1,716	120	7,404	42	9	8	88

Serial No.	Description.	Name of the School.	Locality.	Number of Pupils on Roll on 31st March 1929.			Average Attendance.	Number of Teachers.		
				Boys.	Girls.	Total.		Males.	Females.	Total.
										WARD
26	Urdu	Madanpura Girls' School ..	Morland Road	..	116	116	81	..	4	4
27	,, ...	Mazagaon Girls' School ..	Mazagaon Road	..	75	75	49	..	4	4
28	,, ...	Morland Road Girls' School ..	Morland Road	..	56	56	33	..	3	3
29	,, ...	Nagpada Girls' School.. ..	Huzaria Street	..	95	95	66	..	5	5
30	,, ...	Ripon Road Girls' Schoo ..	Ripon Road	..	56	56	26	..	2	2
31	,, ...	Safrabadi Girls' School.. ..	Ghelabhai Street	..	90	90	59		3	3
32	,, ...	Tank Bunder Girls' School ..	Tank Bunder Road	..	66	66	47	..	3	3
33	,, ...	Telli Mohalla Girls' School ..	Telli Mohalla	..	60	60	43	..	4	4
34	,, ...	Temkar Street Girls' School ..	Temakar Street	..	90	90	64	..	4	4
35	,, ...	Undri Street Girls' School ..	Undria Street..	..	84	84	71	..	3	3
36	,, ...	Wadi Bunder Girls' School ..	Wadi Bunder	..	60	60	36	..	3	3
37	,, ...	Yakoob Street Girls' School ..	Pakhamodia Street	..	129	129	86	..	6	6
38	,, ...	Duncan Road Night School ..	Upper Duncan Road	30	..	30	23	2	..	2
39	,, ...	Khandia Street Night School..	Khandia Street	37	..	37	20	2	..	2
40	,, ...	Parel Night School	Kalachowki Road	19	..	19	9	2	..	2
41	,, ...	Ripon Road Night School ..	Ripon Road	26	..	26	14	2	..	2
42	,, ...	Telli Mohalla Night School ..	Telli Mohalla	28	..	28	16	2	..	2
										WARD
1	Marathi	Ambewadi Boys' School ..	Ambewadi	163	23	186	101	10	..	10
2	,, ...	Arthur Bridge Boys' School ..	Near Arthur Bridge	191	36	227	166	11	..	11
3	,, ...	Dadar Boys' School	Dadar Main Road	161	..	161	124	6	..	6
4	,, ...	Dadar Stables Boys' School ..	Dadar Stables	26	12	38	22	2	..	2
5	,, ...	Garamkhada Boys' School ..	Garamkhada	54	10	64	39	3	..	3
6	,, ...	Golanji Hill Boys' School ..	Near Golanji Hill	158	..	158	84	7	..	7
7	,, ...	Hajee Ismail Hajee Allana Boys' School.	Near Altop Hill	57	14	71	58	3	..	3
8	,, ...	Curry Road Boys' School ..	Rangaris Chawl	433	..	433	291	18	..	18
9	,, ...	Dharavi Boys' School	Near Hassan Dharsi's Bungalow ..	208	..	208	28	9	..	9
10	,, ...	Kalachauki Boys' School ..	Kalachauki	127	25	152	123	10	..	10
11	,, ...	Jakeria Bunder Boys' School..	Jakeria Bunder	107	16	123	87	5	..	5
12	,, ...	Lalbag Boys' School	Near Jam Mill	174	..	174	109	7	..	7
13	,, ...	Matunga Road Boys' School ..	Matunga Road	113	31	144	113	6	..	6
14	,, ...	Matunga Labour Camp Boys' School.	Labour Camp..	66	17	83	63	4	..	4
15	,, ...	Matunga Station Road Boys' Schools	Vincent Road	190	..	190	110	6	..	6

Annual Expenditure for 1928-29.					Average Expenditure per head,	Result of the Vernacular IV Standard Certificate Examination.		
Teachers' salaries.	Pay of other servants.	Rent, if any.	Contingencies.	Total.		Appeared.	Passed.	Percentage of passed pupil.
E—*contd.*								
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
6,684	324	....	84	7,092	61	2	1	50
1,884	312	....	84	2,280	30	4	1	25
2,052	324	1,620	72	4,068	72	....	....	....
3,648	276	1,332	96	5,352	56	3	2	66
3,588	264	1,008	72	4,932	88	..	....	....
1,704	312	900	72	2,988	33	2	1	50
1,776	324	....	72	2,172	33	....	..	..
4,140	300	....	84	4,524	75	5	4	80
3,552	300	672	132	4,656	52	8	4	50
1,788	276	....	72	2,136	25	2	....	....
2,040	288	900	72	3,300	55	2	....	....
4,248	276	....	84	4,608	36	....	....	....
41	....	....	72	113	4	....	....	....
35	....	....	96	131	4	2	2	100
41	....	....	72	113	6	1	1	100
40	....	....	72	112	4	....	....	....
41	....	....	72	113	4	....	....	....
6,276	252	3,024	132	9,684	52	7	6	85
7,392	240	3,300	156	11,088	44	....	....	....
5,538	240	1,644	168	7,590	47	23	21	91
1,452	....	192	120	1,764	46	....	....	....
2,136	....	960	144	3,240	50	....	....	....
4,272	....	2,400	228	6,900	44	8	6	75
2,460	....	....	192	2,652	36	7	3	42
16,524	526	2,880	192	19,122	44	36	27	75
5,652	231	1,800	144	7,827	37	6	1	16
7,986	242	1,584	144	9,956	65	13	13	100
4,140	....	1,310	180	5,630	45	9	7	77
5,892	....	3,012	228	9,132	52	9	9	100
4,140	....	1,200	180	5,520	38	13	13	100
3,108	....	576	228	3,912	47	....	....	....
6372	....	3,480	228	10,030	52	22	19	96

Serial No.	Description.	Name of the School.	Locality.	Number of Pupils on Roll on 31st March 1929.			Average Attendance.	Number of Teachers.		
				Boys.	Girls.	Total.		Males.	Females.	Total.
										WARD
16	Marathi	Naigaum Road No. 1 Boys' School.	Cement Chawl	181	..	181	122	7	..	7
17	,, ...	Naigaum Road No. 2 Boy's School.	Naigaum Road	87	34	121	77	3	..	3
18	,, ...	Parel Boys' School	Damodar Hall	171	31	202	146	10	..	10
19	,, ...	Parel Bhoiwada Boys' School .	138-39, Bhoiwada	282	..	282	206	11	..	11
20	,, ...	Parel Bhoiwada Cross Road Boys' School.	Bhoiwada Cross Road	254	55	309	200	8	..	8
21	,, ...	Parel Tank Road Boys' School.	Tank Road	40	4	44	25	1	..	1
22	,, ...	Parel Village Boys' School ..	Near Animal Hospital	250	..	250	190	9	..	9
23	,, ...	Poibawdi Boys' School.. ..	Poibawdi	334	..	334	2'4	11	..	11
24	,, ...	Shivdi Boys' School	Near Dubas Building	80	6	86	56	4	..	4
25	,, ...	Shivdi Koliwada Boys' School.	Koliwada, Shivdi	96	13	109	74	4	..	4
26	,, ...	Sion Boys' School	Near Sion Railway Station ..	167	20	187	140	9	..	9
27	,, ...	Sopari Baugh Road Boys' School.	Sopari Baugh Road	224	..	224	149	9	..	9
28	,, ...	South Shivdi Boys' School ..	Shivdi Road	90	13	103	63	4	..	4
29	,, ...	Vadala Boys' School	Vadala	255	..	255	218	8	..	8
30	,, ...	Dadar Girls' School	Dadar Main Road	6	193	199	127	..	6	6
31	,, ...	Curry Road Girls' School ..	Navalkar's Building	..	89	39	37	..	3	3
32	,, ...	Golanji Hill Girls' School ..	Near Golanji Hill	..	73	73	42	..	3	3
33	,, ...	Lalbag Girls' School	Near Jam Mill	..	80	80	56	..	3	3
34	,, ...	Matunga Station Road Girls' School.	Vincent Road	..	128	128	88	..	4	4
35	,, ...	Naigaum Road Girls' School ..	Cement Chawl Naigaum	..	65	65	45	..	3	3
36	,, ...	Parel Girls' School	Near animal Hospital	..	161	161	105	..	6	6
37	,, ...	Parel Bhoiwada Girls' School ..	Bhoiwada	..	129	129	103	..	4	4
38	,, ...	Poibawdi Girls' School ..	Poibawadi	..	273	273	206	..	12	12
39	,, ...	Sion Girls' School	Near Sion Railway Station ..	..	81	81	40	..	3	3
40	,, ...	Soparibag Road Girls' School ..	Sopari Baugh Road	..	135	135	102	..	6	6
41	,, ...	Vadala Girls' School	Vadala	2	111	113	79	..	4	4
42	,, ...	Dadar Night School	Dadar Main Road	32	..	32	17	2	..	2
43	,, ...	Parel Night School	Damodar Hall.	38	..	38	17	2	..	2
44	,, ...	Parel Bhoiwada Night School..	Bhoiwada	47	..	47	14	2	..	2
1	Tamil	Matunga Station Road Boys' School.	Vincent Road	24	40	64	51	2	..	2
2	,, ...	Poibawdi Boys' School ..	Damodar Hall	47	33	80	59	2	1	3
1	Gujarathi ..	Dadar Cross Road Boys' School	Dadar Cross Road	41	24	65	45	3		3
2	,, ...	Dadar Main Road Boys' School	Dadar Main Road	36	19	55	23	2	..	2
3	,, ...	Lalbaugh Boys' School ..	Lalbaugh	61	..	61	45	3	..	3

Annual Expenditure for 1928-29.					Average Expenditure per head.	Result of the Vernacular IV Standard Certificate Examination.		
Teachers' salaries.	Pay of other servants.	Rent, if any.	Contingencies.	Total.		Appeared.	Passed.	Percentage of passed pupils.
F—*contd.*								
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
5,040	....	1,032	168	6,240	34	11	11	100
1,548	259	612	84	2,503	30	....	....	....
7,344	417	3,360	144	11,265	55	14	14	100
9,456	246	2,395	144	12,241	41	17	13	76
6,216	231	1,800	144	8,391	27	19	19	100
504	....	900	132	1,533	35	....	....	....
7,632	240	1,200	204	9,276	37	34	28	82
8,718	240	2,856	144	11,958	35	24	23	96
3,252	....	468	180	3,900	45	10	5	50
2,448	....	840	156	3,444	31	....	....	....
7,728	246	1,896	180	10,050	53	15	9	60
7,980	252	2,100	144	10,476	46	25	25	100
2,592	....	1,260	156	4,008	39	....	....	....
5,988	240	1,464	132	7,824	30	20	20	100
5,940	528	1,656	132	8,256	41	17	14	82
2,862	288	1,080	84	4,314	48	....	....	....
2,748	270	1,200	84	4,302	59	....	....	....
2,484	270	816	84	3,654	45	....	....	....
3,168	276	....	84	3,528	27	8	6	75
2,640	264	252	84	3,240	50	....	....	....
4,930	288	....	96	5,364	33	6	6	100
2,940	318	342	84	3,684	28	5	5	100
9,744	528	2,424	96	12,792	46	18	15	83
2,892	324	720	84	4,020	49	11	11	100
4,968	264	900	84	6,216	46	8	8	100
3,684	264	900	84	4,932	43	7	6	85
528	....	....	96	624	19	....	....	....
444	....	....	120	564	15	....	....	....
564	....	....	120	684	14	....	....	....
1,400	....	480	84	1,964	30	....	....	....
2,220	....	1,140	144	3,504	43	6	3	50
3,300	324	85	9	3,718	57	6	6	....
1,416	....	60	11	1,487	27	....	....	....
2,688	....	61	12	2,761	45	4	2	....

Serial No.	Description.	Name of the School.	Locality.	Number of Pupils on Roll on 31st March 1929.			Average Attendance.	Number of Teachers.		
				Boys.	Girls.	Total.		Males.	Females.	Total.
										WARD
4	Gujarathi ..	Lower Parel Boys' School ..	Sun Mill Road	164	..	164	87	6	..	6
5	,, ...	Matunga Model Boys' School ..	Matunga Road	214	..	214	179	8	..	8
6	,, ...	Naigaum Boys' School ..	Naigaum Road	43	12	55	37	1	..	1
7	,, ...	Parel Bhoiwada Boys' School	Parel Bhoiwada	67	30	97	63	3	..	3
8	,, ...	Poibawdi Boys' School ..	Poibawdi	162	..	162	136	9	..	9
9	,, ...	Sion Boys' School	Dharavi Road	17	1	18	14	1	..	1
10	,, ...	Chinchpoogli Girls' School ..	Chinchpoogli	28	32	60	38	..	2	2
11	,, ...	Lalbaugh Girls' School ..	Jeejibhoy Lane	..	56	56	34	..	2	2
12	,, ...	Lower Parel Girls' School ..	Sun Mill Road	..	114	114	64	..	5	5
13	,, ...	Matunga Girls' School	Vincent Road	..	141	141	90	..	6	6
14	,, ...	Poibawdi Girls' School ..	Poibawdi	..	95	95	54	..	3	3
1	Urdu	Dadar Boys' School	Dadar Main Road	82	10	92	69	4	..	4
2	,, ...	Matunga Boys' School	Vadala Road	36	10	46	34	3	..	3
3	,, ...	Poibawdi Boys' School.. ..	Poibawdi	92	2	94	71	4	..	4
4	,, ...	Shivdi Boys' School	Shivdi Road	45	10	55	42	3	..	3
5	,, ...	Jackeria Bunder Boys' School .	Jackeria Bunder Street	73	50	123	106	6	..	6
6	,, ...	Poibawdi Girls' School ..	Poibawdi	..	76	76	59	..	3	3
7	.. ..	Jackeria Bunder Night School .	Jackeria Bunder Street	20	..	20	15	2	..	2
										WARD
1	Marathi	Cadell Road Boys' School ..	Cadel Road	98	45	143	104	5	..	5
2	,, ...	Dadar New Bhavanishanker Road Boys' School.	Near Saitan Chauki	209	48	257	152	10	..	10
3	,, ...	DeLisle Road Boys School ..	DeLisle Road	174	64	238	136	10	..	10
4	,, ...	Delisle Road B. D. D. Boy's School.	B. D D's Chawl	139	32	171	110	5	..	5
5	,, ...	DeLisle Road Lower Primary Boys' School	Chinchpoogli	71	5	76	41	4	..	4
6	,, ...	Dharavi Branch Boys' School..	Dharavi	49	30	79	30	3	..	3
7	,, ...	Dharavi Koliwada Boys' School	Kolliwada, Dharavi	117	14	131	76	4	..	4
8	,, ...	Elphinstone Bridge Boys' School.	Suraj Building	184	..	184	126	10	..	10
9	,, ...	Ferguson Road Boys' School ..	Ferguson Road	261	3	264	192	10	..	10
10	,, ...	Gopi Tank Boys' School ..	Near Gopitalao	205	..	205	155	8	..	8
11	,, ...	Lady Hardinge Road Boys' School.	Lady Hardinge Road..	87	13	100	75	4	..	4
12	,, ...	Lady Jamshedji Road Boys' School.	Dadarkar's Building	600	..	600	493	22	..	22
13	,, ...	Love Grove Pumping Station Road Boys' School.	Love Grove Road	23	19	42	29	2	..	2

Annual Expenditure for 1928-29.					Average expenditure per head.	Result of the Vernacular IV Standard Certificate Examination.		
Teachers' salaries.	Pay of other servants.	Rent, if any.	Contingencies.	Total.		Appeared.	Passed.	Percentage of passed pupils.
F—*contd.*								
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
4,992	....	125	16	5,133	31	18	15	....
8,880	516	175	23	9,594	44	33	33	..
1,776	....	43	10	1,829	33	6	6	....
3,108	....	55	8	3,171	32	7	7	....
8,532	....	102	23	8,657	28	9	9	....
800	....	22	....	822	45	....	....	....
2,916	396	80	7	3,369	55	3	2	..
2,148	264	61	5	2,478	44	....	....	....
6,072	312	100	8	6,492	57	....	....	....
7,332	564	220	12	8,128	57	....	....	....
4,284	288	61	8	4,641	49	....	....	....
2,472	....	780	108	3,360	36	7	3	42
2,916	....	588	84	3,588	78	....	....	....
3,708	....	1,680	108	5,496	58	6	6	100
1,692	....	1,320	96	3,018	56	....	....	....
6,204	264	1,344	120	7,932	64	5	5	100
900	300	....	72	1,272	16	1	1	00
40	....	....	96	136	9	..	..	....
3,043	....	960	168	4,176	31	5	4	80
6,216	495	1,080	120	7,911	30	14	9	64
7,956	225	660	156	8,997	37	11	11	100
3,216	....	1,392	180	4,788	28	....	....	....
3,300	....	1,380	132	4,812	63	....	....	....
2,016	....	360	132	2,508	31	....	....	....
2,448	....	540	156	3,144	24	9	2	22
7,680	247	3,000	144	11,071	60	25	23	92
7,464	240	1,800	168	9,672	36	17	17	100
7,248	242	1,800	156	9,446	46	33	29	88
2,484	....	822	156	3,462	34	....	..	....
20,052	469	6,000	288	23,809	44	78	67	84
1,284	....	384	120	1,738	42	....	....	....

Serial No.	Description.	Name of the School.	Locality.	Number of Pupils on Roll on 31st March 1929.			Average Attendance.	Number of Teachers.		
				Boys.	Girls.	Total.		Males.	Females.	Total.
										WARD
14	Marathi	Lower Mahim Boys' School ..	Agar Bazar	252	..	252	176	9	..	9
15	,, ...	Lower Parel Station Road Boys School.	Talcherkar's Building	142	16	158	103	6	..	6
16	,, ...	Mahim Bazar Rd. Boys' School	Bazar Road	26	4	30	10	2	..	2
17	,, ...	Mahim Chunabhatti Boys' School.	Chunabhatti Road	144	61	205	150	8	..	8
18	,, ...	Mahim Mori Road Koliwada Boys' School.	Koliwada Mori Road	43	18	61	40	1	1	2
19	,, ...	North Varli Boys' School ..	Century Mill Building	240	83	323	183	11	..	11
20	,, ...	Prabhadevi Boy's School ..	Near Prabhadevi Temple	220	..	220	168	7	..	7
21	,, ...	Prabhadevi Road Boys' School	Nagoo Sayaji Wadi	140	..	140	94	6	..	6
22	,, ...	Sun Mill Road Boys' School ..	Near Sun Mill	211	..	211	134	8	..	8
23	,, ...	Upper Mahim Boys' School ..	Upper Mahim	217	20	237	174	9	..	9
24	,, ...	Varli Boys' School	Improvement Trust Chawl. ..	116	9	125	83	5	..	5
25	,, ...	Varli Koliwada Boys' School ..	Koliwada, Varli	193	..	193	149	9	..	9
26	,, ...	Dadar Kumbharwada Girls' School	Kumbharwada Samartha Bhuwan..	..	658	658	416	..	21	21
27	,, ...	Dharavi Girls' School	Dharavi	..	60	60	8	..	3	3
28	,, ...	Elphinstone Bridge Girls' School.	Suraj Building	..	127	127	79	..	6	6
29	,, ...	Ferguson Road Girls' School ..	Fergusson Road	..	99	99	50	..	4	4
30	,, ...	Gopitalao Girls' School ..	Near Gopitalao	4	156	160	99	..	7	7
31	,, ...	Lower Mahim Girls' School ..	Agar Bazar	38	237	275	170	..	10	10
32	,, ...	Lower Parel Girls' School ..	Near Sun Mill	..	79	79	44	..	4	4
33	,, ...	Prabhadevi Girls' School ..	Near Prabhadevi Temple	..	146	146	95	..	5	5
34	,, ...	Upper Mahim Girls' School ..	Upper Mahim	..	202	202	111	..	7	7
35	,, ...	Varli Koliwada Girls' School ..	Koliwada	..	78	78	55	..	3	3
36	,, ...	DeLisle Road B. D. D. Night School.	B. B. D.'s Chawl	30	..	30	9	2	..	2
37	,, ...	David Mill Night School ..	Suraj Building	40	..	40	13	3	..	3
38	,, ...	Lower Parel Night School ..	Talcherkar's Building	31	..	31	7	2	..	2
1	Tamil	Dadar Malayalam Boys' School	Lady Jamshedji Road	31	37	68	67	2	..	2
2	,, ...	Dharavi Boys' School	At Dharavi	84	28	112	71	3	1	4
3	,, ...	Dharavi Night School	At Dharavi	88	..	88	56	3	..	3
1	Gujarathi ..	Dharavi Kumbharwada Boys' School.	Kumbharwada, Dharavi	36	12	48	33	2	..	2
2	,, ...	Elphinstone Road Boys' School	Elphinstone Road	90	27	117	81	4	..	4
3	,, ...	Jacob Circle Boys' School ..	Clarke Road	68	10	78	54	3	..	3
4	,, ...	Lady Hardinge Road Boys' School.	Lady Hardinge Road	65	19	84	60	3	..	3
5	,, ...	Lady Jamshedji Road Boys' School.	Lady Jamshedji Road	82	54	136	101	5	..	5

Annual Expenditure for 1928-29.					Annual Expenditure per head of Pupil.	Result of the Vernacular IV Standard Certificate Examination.		
Teachers' salaries	Pay of other servants.	Rent, if any.	Contingencies.	Total.		Appeared.	Passed.	Percentage of passed pupils.
G—*contd.*								
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
5,706	240	1,920	132	8,088	32	22	18	81
5,556	231	2,220	120	8,127	57	16	12	75
1,740	....	900	132	2,772	92	....	....	..
4,680	253	1,692	156	6,781	33	17	12	70
1,608	....	720	132	2,460	40	....	....	....
7,128	561	2,484	168	10,341	32	7	7	100
3,948	240	2,520	120	6,828	31	12	11	91
5,268	282	1,680	156	7,386	52	17	14	82
6,204	....	1,680	208	8,092	38	7	7	100
7,512	246	2,760	216	10,734	45	37	28	75
3,444	....	864	156	4,464	35	3	2	67
5,304	276	1,239	144	6,963	36	18	17	94
21,372	924	6,000	192	28,488	43	31	30	96
2,388	274	285	84	3,031	50	....	....	....
4,872	282	1,200	96	6,450	50	5	3	60
3,348	2 82	1,680	84	5,394	54	3	3	100
7,104	288	1,680	96	9,168	57	12	12	100
8,508	558	1,560	144	10,79)	39	20	14	70
3,696	324	900	84	5,004	63	9	9	100
3,720	264	....	84	4,068	27	....	....	....
7,068	282	1,800	120	9,270	45	12	11	91
2,652	270	....	96	3,018	38	2	1	50
348	....	....	96	444	14	....	....	....
720	....	....	96	816	20	....	....	....
528	....	....	96	624	20	....	....	..
1,200	234	660	84	2,208	32	....	....	....
2,933	264	1,080	96	4,373	39	4	4	100
648	....	....	120	768	8	....	....	....
1,524	....	13	10	1,547	32	2	1	....
3,396	264	70	8	3,738	32	10	7	....
1,920	....	....	14	1,934	24	7	2	....
2,388	288	58	8	2,742	32	4	3	....
4,164	288	120	9	4,581	33	9	9	....

Serial No.	Description.	Name of the School.	Locality.	No. of Pupils on Roll on 31st March 1929.			Average Attendance.	No. of Teachers.		
				Boys.	Girls.	Total.		Males.	Females.	Total
										WARD
6	Gujarathi ..	Mahim Boys' School	Cadell Road	102	..	102	60	3	..	3
7	,, ...	Mahim Bazar Road Boys' School.	Mahim Bazar Road	29	17	46	25	2	..	2
8	,, ...	Prabhadevi Boys' School ..	New Prabhadevi Road	50	30	80	54	3	..	3
9	,, ...	Mahim Girls' School	Cadel Road	..	63	63	36	..	2	2
1	Urdu	Arthur Road Boys' School ..	DeLisle Road	65	18	83	53	3	..	3
2	,, ...	DeLisle Road Boys' School No.2.	No. 121 DeLisle Road	107	44	151	90	4	1	5
3	,, ...	Dharavi Urdu School	Dharavi	64	26	90	63	3	1	4
4	,, ...	Lower Parel Boys' School ..	Lower Parel	47	18	65	32	3	..	3
5	,, ...	Mahim Boys' School	Mahim Bazar Road	125	9	134	93	6	..	6
6	,, ...	Mahim Girls' School	Mahim Bazar Road	..	78	78	49	..	3	3

THE SCHOOLS COMMITTEE'S OFFICE,

BOMBAY, 31*st August* 1929.

Annual Expenditure for 1928-29.					Average expenditure per head.	Result of the Vernacular IV Standard Certificate Examination.		
Teachers' salaries.	Pay of other servants.	Rent, if any.	Contingencies.	Total.		Appeared.	Passed.	Percentage of passed pupils.
G—*concld.*								
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
3,372	....	75	14	3,461	34	13	13	..
1,416	....	38	11	1,465	31	6	1	....
2,304	....	....	11	2,315	29	11	6	....
2,340	310	75	7	2,722	43	....	....	....
960	....	432	60	1,452	17	....	....	....
3,060	284	1,800	132	5,256	35	7	4	57
3,924	288	1,080	108	5,400	60	4	4	100
2,988	....	720	108	3,816	58	4	4	100
3,996	....	1,200	120	5,316	34	5	3	60
1,644	324	720	72	2,760	35	....	....	....

R. V. PARULEKAR,

Secretary, Schools Committee

SCHOOL COMMITTEE'S
ADMINISTRATION REPORT
for 1928-29.

Appendix G—(2).

List of Private Schools which received Grants-in-Aid from the Schools Committee during the year 1928-29.

N.B.—The figures given, are those supplied by the schools themselves except those for annual expenditure per pupil or head and the grants-in-aid per pupil or head.

PRIMARY SCHOOLS IN BOMBAY

Annexed to Report

Description of the School.		Number.	Name of the School.	Number of pupils on 31st March 1929.			Average attendance ÷ the Average No. on Rolls during the year 1928-29.	No. of Teachers. (Part Time and Full Time.)		
M—Marathi. G—Gujarati. U—Urdu. H—Hindi. C—Canarese. S—Sindhi.	B—Boys' School. G—Girls' School. N—Night School.			Boys.	Girls.	Total.		Males.	Females.	Total.
WARD (Population of Primary School-going										
G ..	B ..	1	Bazargate A. V. School	230	..	230	217/237	9	..	9
G ..	B ..	2	Fort Proprietary High School, Fort.	24	..	24	21/25	5	..	5
G ..	B ..	3	Globe English School	69	1	70	59/66	7	..	7
G ..	B ..	4	Sir J. J. Fort Boys' School . ..	113	..	143	128/140	6	1	7
G ..	B ..	5	Esplanade High School	151	..	151	150/164	13	..	13
G ..	B ..	6	Zoroastrian Boys' and Girls' School.	81	24	105	80/89	4	1	5
G ..	G ..	7	Alexandra Girls' English Institution	..	152	152	130/155	..	8	8
G ..	G ..	8	Parsi Girls' School Association, Fort	..	123	123	107/124	1	11	12
G ..	G ..	9	Sir J. J. Fort Girls' School	..	126	126	116/130	1	7	8
G ..	G ..	10	Gokuldas Tejpas Girls' School ..	..	340	340	233/333	1	10	11
G ..	G ..	11	Young Ladies' High School.. ..	22	138	160	107/137	..	7	7
U ..	N ..	12	Khilafat Colaba Night School ..	10	..	10	10/16	1	..	1
C ..	N ..	13	Fort Free Canarese Night School ..	109	2	111	69/130	12	..	12
C ..	N ..	14	Mooga Veera Poor Boys' Free Night School.	132	14	146	84/132	20	..	20
WARD (Population of Primary School-going										
M ..	B ..	1	R. C. St. Ignatius' School, Mandvi .		2	6	4/6	1	..	1
M ..	B ..	2	St. Andrew's Primary School ..	34	56	90	60/75	2	3	5
G ..	B ..	3	Gokuldas Tejpal Seminary School ..	191	..	191	155/187	7	..	7
G ..	B ..	4	H. H. The Aga Khan's Ismalli Khoja Central Free School.	354	..	354	259/344	14	1	15
G ..	B ..	5	K. K. Mandvi School	204	1	205	115/167	8	..	8
G ..	B ..	6	Khoja Khan Mahamad Habibbhai School.	309	..	309	260/292	14	..	14
G ..	B ..	7	Dongri Bazar Private Gujarati School.	117	..	117	79/109	5	..	5
U ..	B	8	Haji Suleman Abdul Vahed Testimonial Free Memon School.	90	..	90	59/93	6	..	6
U ..	B	9	Madressa Tul Islam Minara Masjid Day School.	240	..	240	164/250	12	..	12

WITH DETAILS—AIDED SCHOOLS.

for 1928-29.

Total Amount of expenditure for 1928-29.	Grant paid for		Expenditure per head of Pupil for 1928-29.	Annual Grant per head of Pupil for 1928-29.	Average Rate of Fees Charged.	Results of the General Std. IV Examination.		Percentage of the passed Pupils.	REMARKS.
	1928-29.	1927-28.				Appeared.	Passed.		
A.									
Age as per Census of 1921—4,314.)									
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	Rs.	Rs. a. p.				
15,676 0 0	4,100 0 0	3,736 0 0	66·1	17·3	2 6 0	....	....	....	
3,851 0 0	350 0 0	450 0 0	154·0	14·0	2 8 0	....	....	....	
3,256 0 0	700 0 0	675 0 0	49·3	10·6	2 8 0	....	....	....	
9,578 0 0	2,740 0 0	2,625 0 0	63·4	19·5	Free.	40	30	75	
11,674 0 0	3,500 0 0	3,417 0 0	71·2	21·3	3 5 0	....	....	....	
4,979 0 0	800 0 0	500 0 0	55·9	8·9	2 6 0	....	....	....	
11,806 0 0	2,800 0 0	2,707 0 0	76·2	18·0	4 8 0	....	....	....	
7,968 0 0	2,025 0 0	2,025 0 0	64·3	16·3	1 8 0	....	....	....	
15,103 0 0	3,754 0 0	3,731 0 0	116·2	28·8	Free.	....	....	....	
12,001 0 0	3,329 0 0	3,279 0 0	36·1	9·9	Free.	7	7	100	
6,714 0 0	2,061 0 0	1,928 0 0	49·0	15·0	2 11 0	....	....	....	
294 0 0	40 0 0	....	18·4	2·5	Free.	....	....	....	*De Novo* School.
971 0 0	125 0 0	150 0 0	7·5	0·9	Free.	....	....	....	
1,211 0 0	150 0 0	150 0 0	9·2	1.1	Free.	....	....	....	
B.									
Age as per Census of 1921—10,538.)									
1,211 0 0	....	40 0 0	201·8	....	Free.	....	....	..	No grant paid as the average number of pupils was below ten.
3,172 0 0	1,223 0 0	1,323 0 0	42·3	16·3	0 5 0	7	5	71·4	
5,402 0 0	1,950 0 0	1,862 0 0	34·2	10·4	0 15 0	....	....	....	
18,663 0 0	4,579 0 0	4,579 0 0	54·3	13·3	Free.	50	39	78·0	
16,134 0 0	4,900 0 0	4,668 0 0	96·6	29·3	2 4 0	....	....	....	
15,243 0 0	4,788 0 0	4,788 0 0	52·2	16·1	Free.	79	61	77·2	
3,057 0 0	265 0 0	250 0 0	28·0	2·4	2 0 0	....	....	....	
3,102 0 0	956 0 0	1,056 0 0	33·3	10·2	Free.	11	9	81·8	
9 919 0 0	2,650 0 0	3,022 0 0	39·6	10·6	Free.	15	13	86·6	

Description of the School.		Number.	Name of the School.	Number of pupils on 31st March 1929.			Average attendance ÷the Average No. on Rolls during the year 1928-29.	No. of Teachers. (Part Time and Full Time).		
M—Marathi. G—Gujarati. U—Urdu. H—Hindi. C—Canarese. S—Sindhi.	B—Boys' School. G—Girls' School. N—Night School.			Boys.	Girls.	Total.		Males.	Females.	Total.
										WARD
U ..	B ..	10	Madressa Anjuman Ikhawatul Islam School.	137	..	137	97/132	7	..	7
U ..	B ..	11	Lookmanji Sulemanji Boys' School .	216	..	216	167/218	5	..	5
U ..	B ..	12	Anjuman-I-Islam Sandhurst Road School.	184	..	184	138/185	10	..	10
S ..	B ..	13	Shri Shikarpuri Sindhi Pathshala ..	63	..	63	47/60	2	..	2
G ..	G ..	14	H. H. The Aga Khan's I K Khadak Girls ' School.	..	309	309	220/288	..	14	14
G ..	G ..	15	Late Sajanbhoy, Meherally Khoja Charitable Girls' School.	..	82	82	55/82	..	5	5
G ..	G ..	16	H. H. The Aga Khan's Ismail Khoja Kandi Moholla Girls' School	..	185	185	126/208	..	12	12
U ..	G ..	17	Anjuman-I-Islam Sobani Pardah Girls' School.	8	270	278	202/260	1	9	10
U ..	G ..	18	Lookmanji Sulemanji Girls' School..	..	237	237	173/231	5	1	6
M ..	N ..	19	S. S. League Mandvi Koliwada Night School.	35	..	35	16/33	2	..	2
G ..	N ..	20	S. S. League Mandvi, Gujrati Night School.	27	..	27	20/33	1	..	1
G ..	N ..	21	Anjuman-I-Islam H. M. H. E. Sobani Memorial Night School.	72	..	72	58/87	3	..	3
U ..	N ..	22	S. S. League Dargah Moholla Night School.	28	..	28	28/32	2	..	2
U ..	N ..	23	Khilafat New Bengalipura Night School.	60	..	60	40/54	4	..	4
U ..	N ..	24	Khilafat Old Bengalipura Night School.	30	..	30	32/48	4	..	4
										WARD
										(Population of Primary School-going
M ..	B ..	1	Sonapur Lane Marathi School ..	19	13	32	13/25	2	..	2
M ..	B ..	2	Prabhu Seminary School	89	..	89	68/86	6	..	6
M ..	B ..	3	Prof. Date's Deaf and Mute Institution.	..	..	..	..	..	..	..
G ..	B ..	4	Parel Road A. V. School	173	..	173	142/167	9	..	9
G ..	B ..	5	R. J. J. Princess Street Boys' School.	118	..	118	102/117	6	..	6
G ..	B ..	6	New Bombay High School	104	..	104	72/88	8	..	8
G	B ..	7	Proprietory and Fort High School, Chandanwadi.	140	..	140	110/138	7	..	7
G ..	B ..	8	Shri Karmashankar Boys' and Girls' School.	73	21	94	77/85	4	1	5
G ..	B ..	9	Royal English School	92	..	92	68/88	5	1	6

Total Amount expenditure for 1928-29.	Grant paid for		Expenditure per head of Pupil for 1928-29.	Annual Grant per head of Pupil for 1928-29.	Average Rate of Fees Charged.	Results of the General Std. IV Examination.		Percentage of the passed Pupils.	Remarks.
	1928-29.	1927-28.				Appeared.	Passed.		
B—*contd.*									
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	Rs.	Rs. a. p.				
4,975 0 0	750 0 0	750 0 0	37·6	5·6	Free.	....	....	....	
4,498 0 0	1,427 0 0	1,568 0 0	20·6	6·5	Free.	....	....	....	
2,219 0 0	....	....	49·8	....	0 6 0	50	49	98·0	Fixed grant of Rs. 5,000 to Anjuman-I-Islam New Nagpada and Sandhurst Road Schools.
2,987 0 0	200 0 0	....	49.8	3.3	Free.	....	....	....	
16,061 0 0	3,849 0 0	3,849 0 0	55·8	13·7	Free	12	12	100·0	
3,536 0 0	1,750 0 0	1,939 0 0	67·5	21·3	Free.	....	....	....	
12,758 0 0	2,800 0 0	2,834 0 0	61·3	13·5	Free.	10	10	100·0	
9,854 0 0	2,800 0 0	2,671 0 0	37·9	10·7	Free.	7	3	42·8	
5,551 0 0	1,575 0 0	1,575 0 0	24·0	6.8	Free.	....	....	....	
485 0 0	100 0 0	100 0 0	14·7	3·0	Free.	....	....	....	
384 0 0	120 0 0	100 0 0	11·6	3·6	Free.	....	....	....	
706 0 0	150 0 0	150 0 0	8·1	1·7	Free.	....	....	....	
713 0 0	150 0 0	150 0 0	22·2	4·6	0 14 0	....	....	....	
455 0 0	100 0 0	40 0 0	12·1	1·8	Free.	....	....	....	
681 0 0	60 0 0	40 0 0	14·1	1·3	Free.	....	....	....	
C,									
Age as per Census of 1921—14·024									
995 0 0	40 0 0	50 0 0	39·8	1·6	Free.	....	....	....	
3,544 0 0	1,075 0 0	1,026 0 0	41·2	12·5	0 6 0	22	18	81·8	
Now not	Aided by the	School Committee as it receives		grant from	Government.	....	....	....	
2,643 0 0	3,000 0 0	3,000 0 0	57·7	17.9	1 4 0	....	....	....	
3,046 0 0	1,709 0 0	1,703 0 0	51·6	14·6	Free.	23	14	60·8	
5,376 0 0	1,560 0 0	1,500 0 0	61·1	17·7	3 0 0	....	....	....	
6,636 0 0	2,243 0 0	2,236 0 0	49·8	16·8	2 4 0	....	....	....	
4,093 0 0	950 0 0	1,200 0 0	43·1	11·1	0 12 0	5	3	60·0	
5,150 0 0	1,500 0 0	1,475 0 0	36·5	17·0	2 5 0	....	....	....	

Description of the School.		Number.	Name of the School.	Number of Pupils on 31st March 1929.			Average Attendance ÷ the Average number on Rolls during the year 1928-29	Number of Teachers. (Part time and Full time).		
M.—Marathi. S.—Sindhi. G.—Gujarati. C.—Canarese. U.—Urdu. H.—Hindi.	B.—Boys' School G.—Girls' School. N.—Night School.			Boys.	Girls.	Total.		Males.	Females.	Total.
										WARD
G ..	B ..	10	Bhendi BazarGujarati Boys' School	191	4	195	141/184	7	..	7
G ..	B ..	11	Kalbadevi A. V. School	149	..	149	104/143	8	..	8
U ..	B ..	12	Madressa-I-Mahamodia Jumma Masjid Day School.	45	..	45	29/42	5	..	5
U ..	B ..	13	Shakhe Madress-a-I- Mahomadia School.	195	..	195	145/178	11	..	11
U ..	B ..	14	Madressa Farizul Onlum Ghogari Moholla, Free Urdu Boys' School.	78	..	78	71/79	3	..	3
U ..	B ..	15	Madressa-I-Dawoodia School ..	76	68	144	102/139	8	1	9
U ..	B ..	16	Anjuman-I-Islam, New Nagpada School.	135	..	135	101/130	10	..	10
H ..	B ..	17	Marwari Commercial School ..	138	1	139	137/185	8	..	8
M ..	G ..	18	S. L. & Sc. Society's Jagannath Shankarshet Girls' School.	..	61	61	44/45	1	2	3
G ..	G ..	19	Parsi Girls' School Association, Chandanwadi.	..	267	267	242/273	..	15	15
G ..	G ..	20	Sir J. J. Princess Street Girls' School.	..	143	143	120/141	1	7	8
G ..	G ..	21	Mangrol Jain Sabha Gujarati Girls' School.	..	139	139	98/149	1	10	11
U ..	G ..	22	Maktabe Sabiyat Girls' School ..	..	99	99	66/95	..	6	6
U ..	G ..	23	Madressa Faizul Onlum Ghogari Moholla Free Urdu Girls' School.	..	22	22	18/25	..	1	1
H ..	G ..	24	Sitaram Poddar Balika Vidyalaya ..	..	110	110	84/109	..	5	5
M ..	N ..	25	P. S. Nal Bazar, Night School. ..	33	..	33	16/22	2	..	2
U ..	N ..	26	Anjuman-I-Moinu Nut Tulba (Yacub Street) Night School.	23	..	23	20/23	2	..	2
U ..	N ..	27	Khilafat Nizampura Night School ..	31	..	31	23/35	2	..	2
U ..	N ..	28	Khilafat Nal Bazar Night School ..	40	..	40	24/33	3	..	3
										WARD
										(Population of Primary School-going
M ..	B ..	1	Baldnyan Vardhak Primary School.	134	3	137	102/133	4	..	4
M ..	B ..	2	Khattargalli Mahajan School ..	74	7	81	60/87	2	..	2
M ..	B ..	3	Khetwadi Registered Primary School.	93	3	96	71/87	3	..	3
M ..	B ..	4	Patriotic Institution	76	22	98	90/100	3	..	3
M ..	B ..	5	Mugonar Private School	79	..	79	64/86	5	..	5

Total Amount of Expenditure for 1928-29.	Grant paid for		Expenditure per head of Pupil for 1928-29.	Annual Grant per head of Pupil for 1928-29.	Average rate of fees charged.	Results of the General Std. IV Examination.		Percentage of the passed Pupils.	REMARKS.
	1928-29.	1927-28.				Appeared.	Passed.		
C—*contd.*									
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	Rs.	Rs. a. p.				
5,715 0 0	1,772 0 0	1,772 0 0	31·1	9·6	1 2 0	18	10	55·5	
4,320 0 0	800 0 0	700 0 0	30·2	5·5	1 5 0	11	11	100·0	
4,901 0 0	970 0 0	970 0 0	116·6	23·1	Free.	....	....	....	
7,769 0 0	1,850 0 0	1,800 0 0	43·3	10·4	Free.	30	23	76·6	
2,238 0 0	575 0 0	550 0 0	28·3	7·2	Free.	....	....	....	
3,173 0 0	825 0 0	893 0 0	22·8	5·9	Free.	2	....	....	
5,783 0 0	....	....	44·4	....	0 4 0	20		80	Fixed grant of Rs. 5,000 to Anjuman-I-Islam New Nagpada and Sandhurst Road Schools.
8,371 0 0	550 0 0	750 0 0	45·2	2·9	Free.	....	....	....	
5,324 0 0	1,150 0 0	1,136 0 0	118·3	25·5	0 4 0	14	6	42·8	
10,789 0 0	3,000 0 0	3,280 0 0	79·5	10·9	1 8 0	....	....	....	
8,714 0 0	2,566 0 0	2,566 0 0	61·8	18·2	Free.	....	....	....	
5,692 0 0	1,507 0 0	1,507 0 0	38·2	10·1	Free.	....	....	....	
3,567 0 0	450 0 0	450 0 0	37·5	4·7	Free.	....	....	....	
853 0 0	120 0 0	90 0 0	34·1	4·8	Free.	....	....	....	
5,210 0 0	900 0 0	800 0 0	47·8	8·2	Free.	....	....	....	
263 0 0	75 0 0	75 0 0	11·9	3·4	0 8 0	....	....	....	
210 0 0	65 0 0	50 0 0	8·7	2·8	0 6 0	....	....	....	
429 0 0	75 0 0	40 0 0	12·2	2·1	Free.	....	....	....	
471 0 0	60 0 0	....	4·2	1·8	Free.	....	....	....	*De Nov.* school.
D.									
Age as per Census of 1921—11,717.)									
3,227 0 0	858 0 0	858 0 0	24·2	6·4	0 8 0	12	6	50	
2,298 0 0	650 0 0	650 0 0	26·3	7·4	0 7 0	3	1	33·3	
1,699 0 0	425 0 0	400 0 0	19·5	6	0 7 0	6	6	100	
3,184 0 0	950 0 0	1,010 0 0	31·8	9·5	0 6 0	10	8	80	
2,885 0 0	586 0 0	548 0 0	26·5	6·8	0 11 0	45	32	71·1	

Description of the School. M.—Marathi. S.—Sindhi. G—Gujarati. C—Canarese. U—Urdu. H—Hindi.	B—Boys' School. G—Girls' School. N—Night School.	Number.	Name of the School.	Number of Pupils on 31st March 1920. Boys	Girls.	Total.	Average Attendance ÷ the Average No. on Rolls during the year 1928-29.	Number of Teachers (Part Time and Full Time.) Males.	Females	Total.
										WARD
M ..	B ..	6	Sir Narayan Chandavarkar Marathi Shala.	142	60	202	154/195	7	..	7
M ..	B ..	7	Mugbha Vidya Vardhak Primary School.	36	7	43	39/46	2	..	2
M ..	B ..	8	Chikitsak Samnha Potdar Primary School.	91	46	137	112/136	8	..	8
M ..	B ..	9	Bombay New Deaf and Mute Institution.	11	3	14	11/13	1	..	1
G ..	B ..	10	Star Primary School	43	38	81	85/90	2	6	8
G ..	B ..	11	Shet Framji Nasarwanji Patel School.	206	..	203	167/185	8	..	8
G ..	B ..	12	Grant Road Vernacular Boys'School	115	36	151	155/180	6	2	8
G ..	B ..	13	Byramji Jeejibhoy, Parsi Charitable Institution.	146	..	146	124/138	7	..	7
G ..	B ..	14	Proprietary and Fort High School, Grant Road.	111	..	111	99/109	11	..	11
G ..	B ..	15	Masters' Tutorial High School, Boys' Branch.	129	..	129	109/109	2	8	10
G ..	B ..	16	Grant Road High School	67	49	116	86/107	3	4	7
G ..	B ..	17	Jeejibhoy Dadabhoy Charity School	112	82	194	144/186	6	2	8
G ..	B ..	18	Lady North Cote Hindu Ophanage School.	98	2	100	79/93	9	..	9
G ..	B ..	19	C. M. S. Mahalaxmi Boys' and Girls' School.	24	..	24	28/43	1	..	1
G ..	B ..	20	D. C. M. Ram Mohan Roy Day School.	25	5	30	23/42	1	..	1
G ..	B ..	21	Imperial High School	88	9	97	79/98	3	2	5
G ..	B ..	22	Fellowship School	104	56	160	104/156	10	8	18
G ..	B ..	23	Forgett Street Gujarati School ..	84	33	117	82/95	3	2	5
H ..	B ..	24	Marwari Vidyalaya Hindi Primary School.	177	3	180	143/203	8	..	8
M ..	G ..	25	Nirgude's Charitable Girls' School.	34	69	103	72/101	1	3	4
M ..	G ..	26	W. F. C. Mission Gowalia Tank School.	38	137	175	137/179	1	7	8
M ..	G ..	27	Seva Sadan Home Classes	..	..	..	....	..	..	..
M ..	G ..	28	Seva Sadan Normal Classes ..	..	..	..	....	Grant not paid by		
G	G	29	Sir Cawasji Jehangir Readymoney Girls' School.	35	131	166	128/157	1	7	8
G ..	G ..	30	Vanita Vishram Normal Classes ..	..	..	.	..	Grant not paid by		
G	G ..	31	Sir Mangaldas Nathubhai Girls' School.	..	172	172	112/161	2	10	12

Total Amount of Expenditure for 1928-29.	Grants paid for		Expenditure per head of Pupil for 1928-29.	Annual Grant per head of Pupil for 1928-29.	Average rate of fees charged.	Results of the General Std. IV Examination.		Percentage of the passed Pupils.	Remarks.
	1928-29.	1927-28.				Appeared.	Passed.		
D—*contd.*									
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	Rs.	Rs. a. p.				
5,609 0 0	1,230 0 0	1,130 0 0	28·7	6·3	0 10 0	38	33	86·8	
1,526 0 0	490 0 0	490 0 0	33·1	10·3	0 7 0	5	5	100·0	
5,535 0 0	1,900 0 0	1,800 0 0	40·7	13·9	0 13 0	19	19	100·0	
1,896 0 0	250 0 0	250 0 0	145·8	19·2	3 0 0	....	....	....	
5,253 0 0	1,500 0 0	1,400 0 0	58·3	16·6	2 10 0	..	....	....	
6,170 0 0	1,750 0 0	1,700 0 0	38·3	9·4	0 15 0	43	33	76·7	
5,729 0 0	1,700 0 0	1,605 0 0	31·8	9·4	2 0 0	....	....	....	
6,269 0 0	2,055 0 0	2,212 0 0	45.4	14.9	0 8 0	68	48	70·5	
8,687 0 0	2,742 0 0	2,677 0 0	79·6	25·1	2 1 0	...	....	....	
9,143 0 0	3,250 0 0	2,761 0 0	83·8	29·9	3 14 0	....	....	....	
6,504 0 0	1,700 0 0	1,575 0 0	60·7	15·8	2 0 0	16	11	68·7	
5,766 0 0	1,450 0 0	1,450 0 0	31	7·8	Free.	22	12	54·5	
5,632 0 0	1,150 0 0	1,150 0 0	60·5	12·3	Free.	11	9	81·8	
295 0 0	70 0 0	70 0 0	6·8	1·6	Free.	....	....	....	
203 0 0	100 0 0	170 0 0	4·8	2 3	Free.	....	....	....	
5,401 0 0	1,000 0 0	800 0 0	55·1	10·2	2 8 0	....	....	....	
28,963 0 0	4,000 0 0	....	185·6	25·6	8 6 0	....	....	....	*De Novo* School.
2,298 0 0	250 0 0	....	24.1	2·6	2 3 0	4	1	25	„
11,797 0 0	3,297 0 0	3,277 0 0	58·1	16·1	Free.	....	....	....	
3,042 0 0	875 0 0	853 0 0	30·1	8·6	Free.	12	9	75	
7,494 0 0	2,200 0 0	2,171 0 0	41·8	12·2	0 5 0	23	23	100	
Now not aided	by the Schools	Committee as	they receive	grant from	Government:	.. .	....	....	
the Schools	Committee pending the decision of the Corporation in the				matter.				
4,764 0 0	1,350 0 0	1,300 0 0	30·3	8·6	1 0 0	16	13	81·2	
the Schools	Committee pending the decision of the Corporation in the				matter.	....	....	....	
7,463 0 0	1,400 0 0	1,342 0 0	46·3	8·7	0 4 0	....	....	..	

Description of the School.		Number.	Name of the School.	Number of Pupils on 31st March 1929.			Average Attendance ÷ the Average No. on Rolls. during the year 1928-29.	Number of Teachers. (Part Time and Full Time)		
M.—Marathi S.—Sindhi. G.—Gujarati. C.—Canarese. U. Urdu. H.—Hindi.	B.—Boys' School. G.—Girls' School. N.—Night School.			Boys.	Girls.	Total.		Males.	Females.	Total.
										WARD
G ..	G ..	32	Merwanji Manekji Shet Parsi Girls' School.	26	56	82	58/74	..	4	4
G ..	G ..	33	Princess High School for Girls ..	31	109	140	112/134	1	6	7
G ..	G ..	34	Young Ladies' Training Institute, Grant Road.	..	106	106	87/103	3	9	12
G ..	G ..	35	Masters' Tutorial High School, Girls' Branch	..	148	148	128/129	1	9	10
M ..	N ..	36	Yande Free Night School	42	..	42	30/35	1	..	1
M ..	N ..	37	Y. M. H. A. Night School	28	..	28	21/27	4	..	4
G ..	N ..	38	D. C. M. Ram Mohan Roy, Night School.	22	..	22	15/20	1	..	1
H ..	N ..	39	Kanya Kubjya Mandal Night School	9	..	9	8/9	1	..	1
										WARD
										(Population of Primary School-going
M ..	B ..	1	Israelite School, Mazgaon	185	128	313	206/209	9	6	15
M ..	B ..	2	B. P. T. Wari Bunder School ..	98	21	119	73/109	3	1	4
M ..	B ..	3	M. E. Mission Foras Road School ..	28	15	43	25/42	..	2	2
M ..	B ..	4	M. E. Mission Tarwadi School ..	45	5	50	37/50	..	2	2
M ..	B ..	5	S. A. Dhor Chawl School	13	4	17	13/25	1	..	1
M ..	B ..	6	American Mission Byculla School..	130	57	187	133/184	6	..	6
M ..	B ..	7	S. A. Dagad Chawl School. ..	5	..	5	11/27	1	..	1
M ..	B ..	8	S. A. Byculla Clarke Road School .	10	10	20	14/31	1	..	1
M ..	B ..	9	Tendulkar's Boys' School	146	..	146	135/145	4	..	4
M ..	B ..	10	M. E. Mission Agripada Day School.	19	32	51	30/40	..	2	2
M ..	B ..	11	R. C. Free Depressed School, Agripada.	30	10	40	29/44	2	..	2
M ..	B ..	12	A. M. McKinley-Burnell School ..	71	24	95	63/92	2	3	5
M ..	B ..	13	S. A. Agripada Day School ..	4	3	7	14/26	1	..	1
M ..	B ..	14	S. A. Willingdon Boys' Home School, Mar, Br.	31	..	31	24/25	1	..	1
G ..	B ..	15	New Mazgaon Boys' School ..	85	..	85	70/94	3	1	4
G ..	B ..	16	H. H. The Aga Khan's I K Hasanabad Boys' School.	78	..	78	51/72	6	..	6

Total Amount of Expenditure for 1928-29.	Grants paid for.		Expenditure per head of Pupil for 1928-29.	Annual Grant per head of Pupil for 1928-29.	Average rate of fees charged.	Result of the General Std. IV Examination.		Percentage of the passed Pupils.	Remarks.
	1928-29.	1927-28.				Appeared.	Passed.		
D—*contd.*									
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	Rs.	Rs. a. p.				
2,132 0 0	614 0 0	614 0 0	23·8	8·3	0 13 0	12	8	66·6	
7,157 0 0	1,500 0 0	1,307 0 0	53·4	11·2	3 0 0	....	....	....	
5,768 0 0	900 0 0	600 0 0	56·0	8·7	Free.	....	....	....	
8,537 0 0	2,761 0 0	2,690 0 0	66·1	21·4	3 4 0	....	....	....	
411 0 0	150 0 0	150 0 0	11·7	4·2	Free	....	....	....	
754 0 0	150 0 0	150 0 0	27·9	5·5	Free.	....	....	....	
103 0 0	40 0 0	40 0 0	5·1	2·0	Free.	....	....	....	
210 0 0	45 0 0	45 0 0	23·3	5 0	Free.	....	....	....	
E									
Age as per Census of 1921—19,705).									
9,083 0 0	2,182 0 0	2,341 0 0	34·5	7·5	0 6 0	43	42	97·6	
2,207 0 0	475 0 0	450 0 0	20·2	4·3	Free.	7	6	85·7	
1,225 0 0	130 0 0	120 0 0	20·1	3·1	Free.	....	....	....	
1,007 0 0	125 0 0	125 0 0	20·1	2·5	Free.	2	....	....	
581 0 0	60 0 0	70 0 0	23·2	2·4	Free.	....	....	....	
8,731 0 0	2,500 0 0	2,500 0 0	47·4	15·5	0 4 0	23	22	95·6	
559 0 0	60 0 0	75 0 0	20·7	2·2	Free.	....	....	....	
1,256 0 0	70 0 0	70 0 0	40·5	2·2	Free.	....	....	....	
3,403 0 0	1,050 0 0	1,028 0 0	23·4	7·2	0 9 0	14	14	100	
3,333 0 0	350 0 0	400 0 0	83·3	8·7	Free.	2	....	....	
1,960 0 0	175 0 0	200 0 0	44·5	3·9	Free.	6	4	66·6	
2,856 0 0	500 0 0	453 0 0	31·0	5·4	Free.	7	4	57·1	
375 0 0	40 0 0	40 0 0	14·4	1·5	Free.	....	....	....	
965 0 0	80 0 0	75 0 0	38·6	3·2	Free.	....	....	....	
2,909 0 0	825 0 0	800 0 0	30·9	8·7	0 12 0	8	4	50	
3,419 0 0	400 0 0	400 0 0	47·4	5 5	Free.	3	2	66·6	

Description of the School.		Number.	Name of the School.	Number of pupils on 31st March 1929.			Average attendance ÷the Average No. on Rolls during the year 1928-29.	No. of Teachers. (Part Time and Full Time).		
M—Marathi. G—Gujarati. U—Urdu. H—Hindi. C—Canarese. S—Sindhi.	B—Boys' School. G—Girls' School. N—Night School.			Boys.	Girls.	Total.		Males.	Females.	Total.
										WARD
G ..	B ..	17	M.E. Mission DeLisle Road Gujarati School.	44	15	59	36/49	1	1	2
G	B ..	18	S. A. Willingdon Boys' Home School, Gujarati Br.	26	..	26	20/23	1	..	1
G ..	B ..	19	C. M. S. Jacob Circle School ..	29	8	37	23/39	2	..	2
G ..	B ..	20	M. E. Mission Club Back Road, Gujarati School.	12	9	21	6/13	..	2	2
G ..	B ..	21	Mamabai Gujarati Primary Orphanage School.	71	..	71	60/67	4	..	4
U ..	B ..	22	Madressa Hamifia Free Urdu School	124	65	189	126/160	7	..	7
U ..	B ..	23	Madressa-I-Ghausal Onlum Kamathipura School.	72	22	94	75/100	7	..	7
M ..	G ..	24	A. M. Burnell School					Amal	gamated	with
M ..	G ..	25	A. M. Seven Roads School	..	41	41	29/42	1	3	4
G ..	G ..	26	New Mazgaon Girls' School ..	..	47	47	36/51	1	2	3
G ..	G ..	27	Bai Ratanbai F. Panday Girls' School.	71	190	261	216/255	2	11	13
G ..	G ..	28	H. H. The Aga Khan's I K Hasanabad Girls' School.	..	58	58	48/70	..	5	5
U ..	G ..	29	Haji Dawood Bawla Muslim Female Orphanage School.	..	36	36	34/34	..	2	2
M ..	N ..	30	P. S. Seven Roads Night School. ..	16	..	16	11/20	2	..	2
U ..	N ..	31	S. S. League, Love Lane Night School.	22	..	22	13/26	2	..	2
U ..	N ..	32	S. S. League, New Nagpada Night School	28	..	28	26/37	2	..	2
U ..	N ..	33	S. S. League, Madanpura Night School.	31	..	31	22/34	3	..	3
U ..	N ..	34	Anjuman Talimul, Muslemin Urdu Night School.	30	..	30	24/32	2	..	2
U ..	N ..	35	Khilafat Kamathipura Night School.	58	..	58	36/44	3	..	3
U ..	N ..	36	Khilafat Arab Lane Night School..	30	..	30	13/19	2	..	2
U ..	N ..	37	Khilafat Madanpura Night School..	60	..	60	50/65	4	..	4
U ..	N	38	Khilafat Tank Bunder Night School	19	..	19	22/28	1	..	1
U ..	N ..	39	Khilafat Warl Bunder Night School	40	..	40	25/37	3	..	3
U ..	N	40	Khilafat Foras Road Night School.	44	..	44	43/57	4	..	4
U ..	N ..	41	Khilafat DeLisle Road No 1 Night School.	12	..	12	19/25	1	..	1
U	N ..	42	Khilafat Surti Moholla Night Schoo .	8	..	18	13/20	1	..	1
U ..	N	43	Khilafat Undaria Street Night School	21	..	21	14/18	1	..	1

Total Amount of expenditure for 1928-29.	Grant paid for		Expenditure per head of Pupil for 1928-29.	Annual Grant per head of Pupil for 1928-29.	Average Rate of Fees Charged.	Results of the General Std. IV Examination.		Percentage of the passed Pupils.	REMARKS
	1928-29.	1927-28.				Appeared.	Passed.		
M—*contd.*									
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	Rs.	Rs. a. p.				
1,838 0 0	275 0 0	275 0 0	37·5	5·6	Free.	2	2	100	
1,049 0 0	175 0 0	175 0 0	45·6	7·6	Free.	....	....	....	
1,314 0 0	200 0 0	200 0 0	33·7	5·1	0 7 0	3	1	33·3	
857 0 0	75 0 0	75 0 0	65·9	5·7	Free.	....	....	....	
3,778 0 0	923 0 0	923 0 0	53 3	13·7	Free.	21	21	100	
3,650 0 0	875 0 0	800 0 0	22·8	5·4	Free.	9	7	77.7	
5,220 0 0	1,522 0 0	1,507 0 0	52·2	15·2	Free.	7	1	14·2	
A. M. Mckinley School.									
2,268 0 0	560 0 0	548 0 0	54·0	13·3	0 2 0	....	....	....	
1,965 0 0	520 0 0	520 0 0	38·5	10·2	0 12 0	....	....	....	
10,203 0 0	2,752 0 0	2,673 0 0	40·0	10·9	2 4 0	1	1	100	
4,293 0 0	677 0 0	677 0 0	61·3	9·6	Free.	3	3	100	
4,852 0 0	600 0 0	600 0 0	142·7	17·6	Free.	....	....	....	
253 0 0	70 0 0	60 0 0	12·6	3·5	0 8 0	....	....	....	
445 0 0	85 0 0	75 0 0	17·1	3·2	0 4 0	....	....	....	
628 0 0	150 0 0	150 0 0	17	4	0 5 0	....	....	....	
559 0 0	100 0 0	100 0 0	16·4	2·9	0 6 0	....	....	....	
813 0 0	75 0 0	65 0 0	25·4	2·3	Free.	....	....	....	
633 0 0	150 0 0	125 0 0	15	3·3	Free.	....	....	....	
358 0 0	70 0 0	80 0 0	18·8	3·6	Free.	....	....	....	
794 0 0	90 0 0	40 0 0	12·2	1·3	Free.	....	....	....	
368 0 0	50 0 0	50 0 0	13·1	1·7	Free.	....	....	....	
460 0 0	60 0 0	50 0 0	12·4	1·6	Free.	....	....	....	
676 0 0	90 0 0	60 0 0	11·8	1·6	Free.	....	....	....	
374 0 0	40 0 0	....	14·9	1·6	Free.	....	....	....	*De Novo* School.
340 0 0	40 0 0	....	17	2	Free.	....	....	....	Do.
344 0 0	40 0 0	....	19·1	2·2	Free.	....	....	....	Do.

Description of the School.		Number.	Name of the School.	Number of pupils on 31st March 1928.			Average attendance ÷the Average No. on Rolls during the year 1928-29.	No. of Teachers. (Part Time and Full Time.)		
M—Marathi. G—Gujarati. U—Urdu. H—Hindi. C—Canarese. S—Sindhi.	B—Boys' School. G—Girls' School. N—Night School.			Boys.	Girls.	Total.		Males.	Females.	Total.
			WARD							
			(Population of Primary School-going							
M ..	B ..	1	New Parel Bhoiwada Aided School.	89	9	98	77/109	2	..	2
M ..	B ..	2	Nare and Mandali's Charitable Institution.	48	1	49	43/50	2	..	2
M ..	B ..	3	Wesleyan Mission School, Parel ..	83	7	100	74/102	2	1	3
M ..	B ..	4	B. P. T. Wadala (Sewri) School ..	145	11	156	130/151	7	2	9
M ..	B ..	5	B. P. T. Antop Village School. ..	41	33	74	61/83	2	1	3
M ..	B ..	6	Acworth Leper Asylum School, Matunga.	6	1	7	6/10	1	..	1
M ..	B ..	7	M. E. Mission Naigaum School ..	39	11	50	28/32	1	1	2
M ..	B ..	8	Children's Refuge School, Matunga.	..	..	..	....	..	..	..
M ..	B ..	9	S. A. Matunga Camp School ..	26	15	41	34/50	2	..	2
M ..	B ..	10	R. C. Matunga Camp School ..	36	14	50	31/46	2	..	2
M ..	B ..	11	S. A. Naigaum School	8	5	13	16/21	1	..	1
M ..	B ..	12	R. C. St. Antonio School (Sewri) ..	16	10	26	15/16	1	..	1
M ..	B ..	13	Helpless Beggars' Relief Camp School, Rowli Hill.	13	3	16	13/17	2	..	2
G ..	B ..	14	N. J. Wadia School	94	158	252	202/234	..	10	10
G ..	B ..	15	Britanja Boys' and Girls' School ..	46	50	96	69/86	5	2	7
M ..	G ..	16	S. A. Rescue Home School, Matunga	..	13	13	13/13	..	2	2
G ..	G ..	17	Sir J. J. Parel Girls' School.. ..	..	133	133	120/148	1	7	8
G ..	G ..	18	Dadar Girls' School	23	22	45	35/43	..	3	3
M ..	N ..	19	P. S. Parel Night School	36	..	36	14/34	2	..	2
M ..	N ..	20	Hindu Mahasabha Naigaum Night School.	26	8	34	25/29	3	..	3
U ..	N ..	21	Khilafat Parel Night School ..	56	..	56	52/60	4	..	4
U	N ..	22	Khilafat Dadar Night School ..	..	..	..	....	..	..	..
U ..	N ..	23	Khilafat Matunga Night School ..	13	..	13	9/13	1	..	1
U ..	N ..	24	Khilafat Lalbag, Night School ..	21	..	21	14/20	1	..	1
U ..	N	25	Khilafat Sewri Night School ..	21	..	21	12/17	1	..	1

Total Amount of Expenditure for 1928-29.	Grants paid for		Expenditure per head of Pupil for 1928-29.	Annual Grant per head of Pupil for 1928-29.	Average rate of fee charged.	Result of the General Standard IV Examination.		Percentage of the passed Pupils.	REMARKS.
	1928-29.	1927-28.				Appeared.	Passed.		
F.									
Age as per Census of 1921—11,718.)									
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	Rs.	Rs. a. p.				
1,401 0 0	400 0 0	500 0 0	12·8	3·6	Free.	4	2	50	Remission Fees Rs. 472 as. 12-0 paid for 1928-29.
829 0 0	265 0 0	265 0 0	16·6	5·3	Free.	11	5	45·4	
1,862 0 0	425 0 0	425 0 0	18·2	4·1	Free.	4	4	100	
4,709 0 0	1,150 0 0	1,070 0 0	31·1	7·6	Free.	8	4	50	
1,519 0 0	175 0 0	100 0 0	18·3	2·1	Free.	....	....	....	
996 0 0	230 0 0	230 0 0	99·6	23	Free.	....	....	....	
1,235 0 0	150 0 0	130 0 0	38·6	4·6	Free.	3	1	33·3	
....	....	....	Closed.	....	....	....	....	....	
775 0 0	140 0 0	160 0 0	15·5	2·8	Free.	....	....	....	
682 0 0	80 0 0	90 0 0	14·8	1·7	Free.	3	1	33·3	
493 0 0	40 0 0	40 0 0	23·4	1·9	Free.	....	....	....	
604 0 0	40 0 0	40 0 0	37·7	2·5	Free.	....	....	....	
1,089 0 0	250 0 0	250 0 0	64	14·7	Free.	....	....	....	Fixed grant of Rs. 250.
11,032 0 0	1,348 0 0	1,287 0 0	47·1	5·7	1 3 0	....	....	....	
2,865 0 0	525 0 0	500 0 0	33·3	6·1	1 8 0	....	....	....	
1,491 0 0	40 0 0	....	114·6	3	Free.	....	....	....	*De Noro* School.
7,735 0 0	2,000 0 0	2,000 0 0	52·2	13·5	Free.	....	....	....	
4,020 0 0	1,200 0 0	1,400 0 0	93·4	27·9	3 0 0	....	....	....	
267 0 0	105 0 0	100 0 0	7·8	3	0 8 0	....	....	....	
630 0 0	60 0 0	50 0 0	21·7	2·1	Free.	....	....	....	
692 0 0	125 0 0	90 0 0	11·5	2·1	Free.	....	....	....	
....	....	....	Closed.	....	....	....	....	....	
278 0 0	40 0 0	40 0 0	21·3	3·1	Free.	....	....	....	
269 0 0	60 0 0	40 0 0	13·4	3	Free.	....	....	....	
252 0 0	40 0 0	....	14·8	2·3	Free.	....	....	....	Do

Description of the School.		Number.	Name of the School.	Number of pupils on 31st March 1929.			Average attendance ÷the Average No. on Rolls during the year 1928-29.	No. of Teachers. (Part Time and Full Time).		
M—Marathi. G—Gujarati. U—Urdu. H—Hindi. C—Canarese. S—Sindhi.	B—Boys' School. G—Girls' School. N—Night School.			Boys.	Girls.	Total.		Males.	Females.	Total.
			WARD							
			(Population of Primary School-going							
M ..	B ..	1	Chhabildas Lallubhai Primary School.	240	17	257	189/239	10	..	10
M ..	B ..	2	Israelite School, Jacob Circle ..							
M ..	B ..	3	David Sassoon Industrial and Reformatory Institution, Mar. Br..	126	..	126	99/125	7	..	7
M ..	B ..	4	S. A. Mahim Chawl School, Parel ..	14	10	24	12/21	2	..	2
M ..	B ..	5	S. A. Cleaveland Road School Worli'	10	13	23	15/28	1	..	1
G ..	B ..	6	David Sassoon Industrial Reformatory Institution, Guj. Br.	100	..	100	85/99	2	..	2
G ..	B ..	7	DeLisle Road Parel Boys' and Girls' School.	46	7	53	41/50	4	..	4
U ..	B ..	8	David Sassoon Industrial and Reformatory Institution Urdu, Br.	119	..	119	99/108	2	..	2
U ..	B ..	9	Madressa-I-Makadoomia School, Mahim.	83	79	162	78/92	2	2	4
M ..	N ..	10	P. S. Curry Road Night School ..							
U ..	N ..	11	Khilafat DeLisle Road No. 2, Night School.	29	..	29	20/30	2	..	2
U ..	N ..	12	Khilafat Daravih Night, Scool ..	30	..	30	16/24	2	..	2

THE SCHOOLS COMMITTEE'S OFFICE,
BOMBAY, 31*st August* 1929.

Total Amount of expenditure for 1928-29.	Grant paid for		Expenditure per head of Pupil for 1928-29.	Annual Grant per head of Pupil for 1928-29.	Average Rate of Fees Charged.	Results of the General Std. IV Examination.		Percentage of the passed Pupils.	REMARKS.
	1928-29.	1927-28.				Appeared.	Passed.		
G									
age as per Census of 1921—13,728)									
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	Rs.	Rs. a. p.				
8,563 0 0	1,825 0 0	1,683 0 0	35·8	7·6	0 5 0	60	36	60	
			Closed.						
4,720 0 0	725 0 0	725 0 0	37·7	5·8	Free.	17	17	100	
591 0 0	55 0 0	70 0 0	28·1	2·6	Free.	....	....	....	
437 0 0	40 0 0	40 0 0	15·6	1·4	Free.	....	....	....	
2,406 0 0	300 0 0	300 0 0	24·3	3	Free.	12	12	100	
2,724 0 0	945 0 0	945 0 0	54·4	18·9	1 12 0	8	7	87·5	
2,510 0 0	225 0 0	200 0 0	23·2	2	Free.	4	2	50	
3,224 0 0	500 0 0	460 0 0	35	5·4	Free.	....	....	....	
			Closed.						
473 0 0	40 0 0	....	15·7	1·3	Free.	....	....	...	*De Novo* School.
351 0 0	50 0 0	....	14·6	2	Free.	....	....	....	Do.

R. V. PARULEKAR,
Secretary, Schools Committee.

BOMBAY, 1st *July* 1929.

FROM

THE MUNICIPAL AUDITORS,

BOMBAY MUNICIPALITY.

To

THE MUNICIPAL SECRETARY,

BOMBAY MUNICIPALITY,

BOMBAY.

SIR,

In accordance with Section 137 of the Bombay Municipal Act and agreeably to the orders of the Town Council No. 1455, dated the 6th October 1879, we have the honour to forward herewith 4 Appendices marked A, B, C, D, containing the result of the scrutiny of the outstanding bills of Rates and Taxes which were in the hands of the ward clerks in the several ward offices and in the office of the Assessor and Collector on the 31st March 1929.

2. It will be seen from appendix C attached that the outstandings under Property Taxes on 31st March 1929 amounted to Rs. 21,94,113-0-4 against Rs. 16,04,463-12-8 on the same date last year, showing a large increase of Rs. 5,89,649-3-8. The total number of bills outstanding on the 31st March 1929 was 9,852 against 9,652 on the same date of last year. Compared with the outstandings of the last year, there were increases in all sections excepting A, C, and D wards, the more noticeable increase being in the Government, Port Trust, and Railway section aggregating over 5 lacs. On a detailed examination of the figures under the several heads it is noticed that there are increases under almost all heads of taxes, the more noticeable being under General Tax. Water Tax by meter measurement and Halalkhore Tax. Last year's outstandings, included arrears from Government to the extent of over 3 lacs under Water tax by meter measurement. Of the total outstanding balance of Rs. 21,94,113-0-4, bills of the aggregate value of Rs. 10,77,551-10-0 were remaining unpaid by the following bodies :—

		Rs.	a.	p.
(1)	G. I. P. Railway	8,47,118	12	0
(2)	B. B. & C. I. Railway	52,404	0	0
(3)	Government	30,505	10	0
(4)	Port Trust	19,672	4	0
(5)	City Improvement Trust	73,077	9	0
(6)	Official Receiver, High Court	54,773	7	0
	Total Rs.	10,77,551	10	0

The large outstandings under G. I. P. Railway are accounted for as due to the Railway Company having put in a claim for the treatment of its properties on the same lines as those of Government in the matter of taxation. The matter is under reference to the Government of Bombay and the Government of India for decision. Pending receipt of final orders the amount is not paid and owing to the issue of fresh bills during the current year, the outstanding balance has now increased to Rs. 12,41,400-12. Under B. B. & C. I. Railway and Port Trust the outstandings were due to amounts not having been received before 31st March 1929 though bills were issued long before that date. The delay in payments is accounted for as due to the verification and scrutiny of the bills by the officers of the departments concerned not having been completed in proper time. These are now being paid up. Under Government the outstandings were chiefly under water charges due to the matter being still under correspondence. The outstandings against the City Improvement Trust and the Official Receiver, High Court, were due to amounts not having been paid before the 31st March 1929. These are being cleared during the year as funds become available. If the special outstandings mentioned above be omitted the results of the year compare favourably with those of the previous year.

3. Appendix D shows the number and amount of bills outstanding on 31st March 1929 on account of Street Number Plates.

4. We beg to observe that some of the bills included in the appendices were not placed before us for scrutiny as these bills were certified by the Assessment Department to have been paid after 1st April 1929. In checking the several statements of the wards we came across mistakes in totals and in carrying forward the amounts and it is hoped that due care will be taken to avoid the reoccurrence of such errors.

5. The appendices form part of the Annual report on the Municipal Accounts for the year 1928-29 now under preparation.

We have the honour to be,

Sir,

Your most obedient servants,

H. S. KATRAK,

THAKORDAS J. PAREKH.

Municipal Auditors.

Appendix A.

STATEMENT of Outstanding Bills of Rates and Taxes for the year 1928-29 in the hands of the Ward Clerks and in the Office of the Assessor and Collector on the 31st March 1929.

Wards.	No. of Bills.	Details of Demand.								Total.	Remarks.
		General Tax.	Water Tax.			Halalkhore Tax.		Tax on Vehicles and Animals.	Meter Hire.		
			On Value.	By Meter Measurement.	Compounded Tax.	On Value.	At a Special Rate.				
1	2	3	4	5	6	7	8	9	10		
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
A Ward	908	72,902 12 0	13,694 2 0	23,421 12 0	105 0 0	16,958 4 0	.....	15,782 7 0	619 0 0	1,43,483 5 0	
B „	612	84,846 13 9	26,795 1 0	6,812 1 0	3 8 0	22,211 15 0	.....	2,577 2 0	121 4 0	1,43,367 12 9	
C „	713	86,916 5 0	25,946 1 0	6,585 11 0	5 8 0	21,426 7 0	.....	2,732 15 0	187 8 0	1,37,810 7 0	
D „	1,767	1,48,688 5 0	42,741 12 0	23,921 0 0	39 12 0	39,518 3 0	.....	22,882 9 0	894 12 0	2,78,686 5 0	
E „	873	69,033 2 0	18,392 13 0	16,001 3 0	5 8 0	18,400 12 0	2,436 12 0	7,790 9 0	533 0 0	1,32,593 11 0	
F „	439	28,801 8 6	8,375 14 0	3,058 2 0	2 8 0	7,471 11 0	.....	3,890 14 0	166 8 0	51,767 1 6	
G „	1,067	44,978 13 0	12,104 15 0	15,910 7 0	26 4 0	11,920 8 0	.....	6,220 0 0	451 8 0	91,612 7 0	
City Improvement Trust	969	41,866 4 0	10,551 8 0	2,928 0 0	28 5 0	9,191 7 0	.....	590 0 0	314 0 0	65,469 8 0	
Govt., Port Trust and Railway Section .	415	3,61,574 13 0	3,063 11 0	5,22,099 9 0	1,846 5 0	44,030 9 0	1,608 0 0	.....	162 0 0	9,34,384 15 0	
Total ...	7,763	9,33,608 12 3	1,61,665 13 0	6,20,737 13 0	2,062 10 0	1,91,139 12 0	4,044 12 0	62,466 8 0	3,449 8 0	19,79,175 8 3	

MUNICIPAL OFFICES,
BOMBAY, 1st *July* 1929.

H. S. KATRAK,
T. J. PAREKH,
Municipal Auditors.

Appendix B.

Summary of Outstanding Bills of Rates and Taxes for the year 1927-28, and previous years in the hands of the Ward Clerks and in the offices of the Assessor and Collector on 31st March 1929.

Wards.	No. of Bills.	Details of Demand.								Remarks.
		General Tax.	Water Tax.			Halalkhore Tax.		Tax on Vehicles and Animals.	Total.	
			On Value.	By Meter Measurement	Compounded Tax.	On Value.	At a special rate.			
1	2	3	4	5	6	7	8	9	10	
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
					For the year 1921-22.					
E Ward	3	164 9 7	49 15 3	.....	.....	49 15 3	.....	30 0 0	294 8 1	
					For the year 1922-23.					
A Ward	2	.....	.....	.....	.....	.....	.....	42 10 8	42 10 8	
D „	2	.....	.....	.....	.....	.....	.....	37 0 0	37 0 0	
E „	5	66 5 6	21 10 2	.....	.....	17 4 10	.....	109 0 0	214 4 6	
F „	1	16 11 0	.....	.....	.....	9 12 0	.....	.....	26 7 0	
Total	10	83 0 6	21 10 2	.....	.....	27 0 10	.....	188 10 8	320 6 2	
					For the year 1923-24.					
A Ward	9	5,726 10 0	813 14 0	.....	.....	651 0 0	.....	40 0 0	7,231 8 0	
D „	16	429 0 0	140 0 0	29 4 0	.....	111 14 0	.....	180 5 0	890 7 0	
E „	24	747 3 0	166 15 0	33 12 0	.....	192 7 0	.....	135 10 0	1,275 15 0	
F „	3	192 1 0	51 12 0	.....	.....	60 14 0	.....	.....	304 11 0	
G „	3	94 9 0	30 15 0	.....	.....	24 10 0	.....	.....	150 2 0	
Total	55	7,189 7 0	1,203 8 0	63 0 0	.....	1,040 13 0	.....	355 15 0	9,852 11 0	

APPENDIX B—(*continued*).

Wards.	No. of Bills.	Details of Demand.							Remarks.
		General Tax.	Water Tax.			Halalkhore Tax.		Tax on Vehicles and Animals.	Total.	
			On Value.	By Meter Measurement.	Compounded Tax.	On Value.	At a special rate.			
1	2	3	4	5	6	7	8	9	10	
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
				For the year 1924-25.						
A Ward	15	918 4 0	56 4 0	.....	.....	45 0 0	.....	160 5 0	1,179 13 0	
B ,, ...	3	366 4 0	119 8 0	....	.....	95 9 0	.....	25 0 0	606 5 0	
C ,, ...	2	.....	.....	.....	.....	.....	.....	40 0 0	40 0 0	
D ,, ...	42	687 11 0	153 8 0	24 12 0	.....	106 6 0	.. ...	703 5 0	1,675 10 0	
E ,, ...	132	7,333 5 0	442 8 0	1,857 12 0	.....	1,836 8 7	.....	114 0 0	11,584 1 7	
F ,, ...	5	340 6 0	103 8 0	.....	.....	97 13 0	.....	25 0 0	566 11 0	
G ,, ...	13	354 0 0	139 3 0	92 10 0	.....	111 4 0	.....	60 0 0	757 1 0	
Government, Port Trust and G. I. P. Railway	2	52 12 0	44 14 0	.....	.....	35 14 0	.....	.....	133 8 0	
Total	215	10,052 10 0	1,059 5 0	1,975 2 0	.....	2,328 6 7	.....	1,127 10 0	16,543 1 7	
				For the year 1925-26						
A Ward	25	84 6 0	21 12 0	75 12 0	.....	17 6 0	.....	331 0 0	530 4 0	
B ,, ...	3	661 4 0	215 10 0	.....	.....	172 8 0	.....	40 0 0	1,089 6 0	
C ,, ...	3	.....	.....	.....	.....	.....	.....	37 6 0	37 6 0	
D ,, ...	64	955 0 0	301 0 0	.....	.....	240 9 0	.....	1,119 1 0	2,615 10 0	
E ,, ...	141	7,466 5 0	625 10 0	2,296 4 0	.....	1,992 15 0	.....	237 11 0	12,618 13 0	
F ,, ...	10	317 6 0	103 8 0	82 12 0	....	.....	.....	183 0 0	686 10 0	
G ,, ...	27	430 13 0	133 11 0	1,520 10 0	.....	134 5 0	.....	77 0 0	2,296 7 0	
Total	273	9,915 2 0	1,401 3 0	3,975 6 0	.....	2,557 11 0	.....	2,025 2 0	19,874 8 0	

APPENDIX B—(*concluded*).

Wards.	No. of Bills.	Details of Demand.							Remarks.
		General Tax	Water Tax.			Halalkhore Tax.		Tax on Vehicles and Animals.	Total.	
			On Value.	By Meter Measurement.	Compounded Tax.	On Value.	At a special rate.			
1	2	3	4	5	6	7	8	9	10	
					For the year 1926-27.					
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
A Ward	57	672 4 0	206 4 0	313 0 0	.....	166 9 0	.....	1,011 10 0	2,369 11 0	
B „	6	288 14 0	94 4 0	.....	....	75 5 0	.....	36 0 0	494 7 0	
C „	20	1,519 15 0	341 4 0	83 7 0	.....	432 2 0	....	76 11 0	2,453 7 0	
D „	134	4,300 9 0	813 4 0	1,600 0 0	.....	1,122 6 0	....	2,469 1 0	10,305 4 0	
E „	157	10,481 3 0	1,379 7 0	4,280 8 0	.....	2,716 8 0	....	302 0 0	19,159 10 0	
F „	16	641 12 0	171 3 0	503 4 0	....	168 1 0	....	81 5 0	1,565 9 0	
G „	58	1,279 4 0	314 15 0	1,540 8 0	.....	308 13 0	.....	195 0 0	3,638 8 0	
City Trust	5	232 1 0	75 12 0	.....	.....	62 14 0	....	....	370 11 0	
G. I. P. Railway	6	.....	32 15 0	....	0 1 0	7 10 0	138 12 0	.....	179 6 0	
Total Rs. ..	459	19,415 14 0	3,429 4 0	8,320 11 0	0 1 0	5,060 4 0	138 12 0	4,171 11 0	40,536 9 0	
					For the year 1927-28.					
A Ward	148	5,952 1 0	1,867 12 0	2,595 11 0	.....	1,600 5 0	....	2,672 5 0	14,688 2 0	
B „	24	2,200 8 0	717 13 0	645 4 0	.....	574 1 0	.....	155 0 0	4,292 10 0	
C „	51	4,328 11 0	1,171 12 0	.....	.....	1,118 0 0	.....	470 0 0	7,088 7 0	
D „	303	15,226 2 0	3,887 0 0	7,043 9 0	3 8 0	4,272 13 0	.....	4,042 6 0	34,475 6 0	
E „	215	15,319 3 0	2,774 6 0	4,633 0 0	.....	4,078 15 0	.....	1,121 6 0	27,916 14 0	
F „	43	2,714 15 0	581 1 0	786 8 0	.....	649 15 0	.....	209 0 0	4,941 7 0	
G „	148	4,491 9 0	1,318 1 0	3,682 6 0	6 6 0	1,071 3 3	.....	829 0 0	11,398 9 3	
City Trust	100	3,551 14 0	1,137 5 0	1,746 10 0	15 8 0	1,100 1 0	.....	....	7,551 6 0	
Government and Port Trust ...	42	5,542 3 0	48 15 0	6,230 0 0	1,143 4 9	1,282 13 0	915 12 0	.....	15,162 15 0	
Total ...	1,074	59,327 2 0	13,504 1 0	27,353 0 0	1,168 10 0	15,748 2 3	915 12 0	9,499 1 0	1,27,515 12 3	
Grand Total ...	2,089	1,06,147 13 1	20,668 14 5	41,687 3 0	1,168 11 0	26,812 4 11	1,054 8 0	17,398 1 8	2,14,937 8 1	

MUNICIPAL OFFICES,
Bombay, 1*st July* 1929.

H. S. KATRAK,
T. J. PAREKH,
Municipal Auditors.

Appendix C.

SUMMARY of Appendices A and B.

Year.	Appendix A.		Appendix B.		Grand Total.	
	Number of Bills.	Amount.	Number of Bills.	Amount.	Number of bills.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.
1928-29	7,763	19,79,175 8 3	.....	.....	7,763	19,79,175 8 3
1927-28	.....	.....	1,074	1,27,515 12 3	1,074	1,27,515 12 3
1926-27	.....	.....	459	40,536 9 0	459	40,536 9 0
1925-26	.....	.....	273	19,874 8 0	273	19,874 8 0
1924-25	.....	.....	215	16,543 1 7	215	16,543 1 7
1923-24	.....	.....	55	9,852 11 0	55	9,852 11 0
1922-23	.....	.....	10	320 6 2	10	320 6 2
1921-22	.....	.....	3	294 8 1	3	294 8 1
Total ...	7,763	19,79,175 8 3	2,089	2,14,937 8 1	9,852	(a) 21,94,113 0 4

Note —The outstanding amount on the same date last year, *i.e.*, on the 31st March 1928, was Rs. 16,04,463-12-8.

(a) :—In addition to this a claim of Rs. 6,776-12-2 is due from Government on account of General Tax thus raising the outstanding figure to Rs. 22,00,889-12-6.

MUNICIPAL OFFICES,
BOMBAY, 1st *July* 1929.

H. S. KATRAK,
T. J. PAREKH,
Municipal Auditors.

Appendix D.

Bills on account of Street Number Plates Outstanding on 31st March 1929.

Ward.	Number of Bills.	Amount.	Remarks.
		Rs. a. p.	
A	289	800 12 0	
B	81	423 8 0	
C	70	196 0 0	
D	113	350 0 0	
E	138	542 8 0	
F	26	59 8 0	
G	603	1,697 8 0	
City Improvement Trust.	42	140 0 0	
Total ...	1,362	4,209 12 0	

MUNICIPAL OFFICES,
BOMBAY, 1st *July* 1929.

H. S. KATRAK,
T. J. PAREKH,
Municipal Auditors.

BOMBAY, *9th September* 1929

FROM

THE MUNICIPAL AUDITORS,

BOMBAY MUNICIPALITY,

BOMBAY.

TO

THE MUNICIPAL SECRETARY,

BOMBAY MUNICIPALITY,

BOMBAY.

SIR,

We have the honour to forward herewith our Report on the accounts of the Schools Committee for the year 1928-29, with a view to the same being printed with the Administration Report.

We have the honour to be,

Sir,

Your most obedient servants,

H. S. KATRAK,

T. J. PAREKH,

Municipal Auditors.

REPORT ON THE ACCOUNTS OF THE SCHOOLS COMMITTEE FOR THE YEAR 1928-29.

In accordance with by-law no. 14 of the Schools Committee framed by the Corporation under Section 461 (*u*) of the Municipal Act, the accounts, of the Schools Committee for the year 1928-29 were audited by the Municipal Auditors. The work of examination was commenced early in June and with the exception of the disbursement vouchers (both establishment and contingencies) which are in course of examination, all the account books were completely examined. The suggestions made in our last year's report were submitted by the Secretary to the Schools Committee for their orders which have now been given effect to. A separate report will be submitted to the Schools Committee on the completion of the detailed examination of the Establishment and Contingent charges for final orders.

The results of the year under report have been briefly summarized below :—

	1927-28. Actuals	1928-29.		
		Budget.	Revised.	Actuals.
	Rs.	Rs.	Rs.	Rs.
Receipts	29,69,119	28,54,707	28,34,107	28,54,892
Expenditure	29,50,599	30,93,160	31,39,950	30,12,214

Comparison of Actuals.

Compared with the actuals of the previous year the receipts for the year under review (Rs. 28,54,892) fell short of those of the previous year (Rs. 29,69,119) by Rs. 1,14,227, being the net result of decreases of Rs. 1,11,190 under Contribution from the Municipal General Fund and Rs. 23,517 under Pension Fund Subscriptions from the employees, and increases of Rs. 1,718 under fees from Municipal Schools and Rs. 18,457 under Interest on Trust and Endowment Funds and Deposits. Under Contribution from the Municipal General Fund the demand of the Schools Committee was Rs. 29,67,960 but this was reduced to Rs. 28,09,160 by the Corporation in their Resolution No. 10,819, dated 30th January 1928. During the year, however, an additional grant of Rs. 2,400 was sanctioned by the Corporation under their Resolution No. 2444, dated 21st June 1928 to meet the preliminary expenditure in connection with the introduction of compulsory education of all Moslem girls in F and G Wards upto 10 years of age, thus raising the total grant for the year to Rs. 28,11,560 against Rs. 29,22,750 in the last year. The decrease in the realization of Pension Contribution was due to the fact that the actuals of previous year included large arrears. The improvement in the receipts from school fees was due to an increase in the number of pupils in higher classes and that under Interest was due to an increase in Endowments and Investments.

The expenditure during the year under report amounted to Rs. 30,12,214 against Rs. 29,50,599 during the previous year resulting in an increase of Rs. 61,615 which is distributed amongst the several heads but is chiefly under salaries of head masters, teachers and servants, rent of school premises, school books, grant-in-aid to Primary Schools and under pension gratuities and compassionate allowances partially counterbalanced by decreases under school furniture, contingencies and miscellaneous and municipal share towards Provident Fund. The increase in the salaries of the staff was mainly due to annual increments and to the payment to Government of pension contribution for two years *viz.*, 1927-28, and 1928-29 as no contribution was paid in the previous year, and under grants-in-aid to the addition of new schools on the list and under Pension, &c., due to an increase in the pension charges. The large decrease in school furniture was due to to the surplus furniture in some schools having been sent to schools where there was need for additional furniture and by repairing all damaged furniture.

Comparison of actuals with the Budget and Revised Estimate for the year.

The actuals closely follow the Budget with variations in detail. There were increases under school fees (Rs. 2,922) due to increase in the number of paying pupils, and under Contribution from Municipal General Fund (Rs. 2,400) due to an additional grant sanctioned

by the Corporation (Resolution No. 2444 of 21st June 1928) and under interest on Endowment and Investments (Rs. 18,310) due to the original Budget not allowing for the increased receipts anticipated from investments. These increases were practically counterbalanced by a decrease in the receipts from pension contribution which were overestimated. The increase in the actuals over the Revised estimates was due to the reasons stated above.

The actual expenditure during the year (Rs. 30,12,214) was less than the Budget (Rs. 30,93,160) by Rs. 80,946 and the Revised (Rs. 31,39,950) by Rs. 1,27,736. The decrease in the Budget was distributed amongst several heads mainly under rent of school premises due to the closure of some schools and the transfer of others to low rented buildings, school furniture for reasons stated above, contingencies and miscellaneous due to strict economy exercised in the matter of this class of expenditure, grants-in-aid due to provision having been made on a higher rate and under Municipal share towards Provident Fund, partially counterbalanced by increases under salaries of head masters and teachers under pension gratuities and' compassionate allowances. The savings as compared with the Revised were mainly due to the reasons stated above.

Under School Committee's Resolution No. 957 dated 22nd March 1929 sanction was accorded to additional grants from surplus cash balance to cover the excess under certain heads as well as renewal of certain unspent grants. In view of the controversy that has arisen lately with regard to the powers of the Schools Committee in the matter of their financial control over the funds placed at their disposal by the Corporation under Section 39(7) of the act we feel doubtful about the correction of their orders and have referred the matter to them for their views on the subject in June last and on receipt of their reply the matter will be placed before the Standing Committee and the Corporation for their final orders. In the year under report, the late Municipal Commissioner raised the question as to the powers of the Schools Committee with regard to the investment by them of the Provident Fund monies, and after consultation with the Schools Committee it was decided by the Standing Committee in their Resolution No. 5170 dated 5th September 1928 that all Provident Fund monies (investments and cash) in the hands of the Schools Committee were to be handed over to the Chief Accountant. Under this new arrangement all monies collected during the month from the employees on account of Provident Fund are made over to the Chief Accountant and all expenditure incurred during the month by the Schools Committee towards advances from and repayment out of Provident Fund are recouped by them from the Chief Accountant.

In view of the above dicision of the Standing Committee with regard to the investment of Provident Fund monies it seems doubtful whether the Schools Committee may without the specific orders of the Standing Committee and the Corporation invest their surplus or other monies with recongnized banks or in public securities.

The Government Grant received during the year on account of Primary Education and credited to the Municipal Fund amounted to Rs. 8,15,636 against Rs. 8,84,731 in the previous year as follows :—

	Rs.	a.	p.
Grant for the year 1928-29 as assessed on the expenditure for the year 1927-28	6,25,000	0	0
Provisional grant for extra expenditure on compulsory primary education.	2,03,953	0	0
Grant for expenditure on the five Anglo-Vernacular schools maintained by the Committee	8,429	0	0
Total ...	8,37,382	0	0
Less amount deducted in adjustment of the provisional grant given in the previous year	21,746	0	0
Total ...	8,15,636	0	0

The long disputed question of Government grant towards primary education has not yet been satisfactorily decided.

The total assets and working balance of the School Fund on the 31st March 1929 were Rs. 14,84,267-13-7 and Rs, 2,77,185-7-7.

Assets.

Surplus cash investments with the Imperial Bank of India 3½ per cent. Government Promissory Notes of the face value Rs. 11,200	10,801	0	0
Government Promissory Notes and other securities belonging to Prize and other Funds with the Imperial Bank of India for safe custody	1,86,400	0	0
Securities from other Contractors	4,500	0	0
Chief Accountant, Bombay Municipality. Deposit account Re : Provident Fund investments	8,19,882	12	11

	Rs.	Rs. a. p.
Fixed Deposits—		
Central Bank of India, Ltd.	50,000	
Bank of India, Ltd.	1,58,000	
		2,08,000 0 0
Deposits at call—		
Central Bank of India, Ltd.		50,000 0 0
Advances receivable—		
	Rs. a.	
Advances to officials	465 0	
Advances to Head teachers	3,637 8	
Provident Fund Advances	15,087 12	19,190 4 0
Balance—		
(*a*) With the Imperial Bank of India	1,85,438 7 4	
(*b*) In Office Treasury	55 5 4	1,85,493 12 8
Total		14,84,267 13 7

	Rs. a. p.	
Liabilities.		
Deposit Account	11,838 9 3	
Paper Deposits from Contractors	4,526 2 0	
Cash Deposits from Contractors	520 0 0	
District Scout Commissioner's Deposit account	948 0 8	
		17,832 11 11
Provident Fund Account		8,89,984 1 5
Amount of Prize Funds		2,99,265 8 8
		12,07,082 6 0
Balance ..		2,77,185 7 7
Total ..		14,84,267 13 7

The Cash Balance in Office Treasury was counted and found correct. The Balance in Bank's Pass Book (Rs. 1,89,426-13-4) differs from that shown in the Cash Book (Rs. 1,85,438-7-4) by Rs. 3,988-6-0. The difference is due to cheques drawn on or before 31st March 1929 not having been cashed at the Bank before 2nd April 1929.

The safe custody receipts for Government Promissory Notes and other securities lodged with the Imperial Bank of India and the Fixed Deposit Receipts of the several Banks were examined by us and found to be in order.

H. S. KATRAK,
T. J. PAREKH,
Municipal Auditors.

BOMBAY, *9th September* 1929.

FROM

THE MUNICIPAL AUDITORS,

BOMBAY MUNICIPALITY,

BOMBAY.

To

THE MUNICIPAL SECRETARY,

BOMBAY MUNICIPALITY,

BOMBAY.

SIR,

In accordance with Section 137 (1) of the Bombay Municipal Act of 1888 we beg to forward herewith our report on the Municipal accounts for the year 1928-29 with a view to the same being printed and submitted to the Standing Committee and the Corporation as usual with the Administration Report.

We have the honour to be,

Sir,

Your most obedient servants,

H. S. KATRAK,

T. J. PAREKH

Municipal Auditors.

BOMBAY, *25th September* 1929.

REPORT OF THE AUDITORS ON THE MUNICIPAL ACCOUNTS FOR THE YEAR 1928-29.

For the audit of the accounts under report Khan Bahadur H. S. Katrak and Mr. T. M. Bhookhanwalla were appointed auditors underCorporation Resolution No. 13996 dated the 19th March 1928. Mr. Bhookhanwalla, however, died on the 28th January 1929 and Khan Bahadur Katrak worked as sole auditor for the remaining period.

2. The noteworthy feature with regard to the maintaining of the accounts that occurred during the year was the introduction of an accounting machine and the discontinuance of the receipts and disbursements Day Books and the tabulations in use in the account office for watching the grants. Though the purchase of the machine was sanctioned by the Corporation on the recommendation of the Standing Committee (Resolution No. 2085 dated the 14th June 1927) no previous approval of the Standing Committee was taken as required by Section 123 of the Act to changes in the forms and method of keeping the accounts. This irregularity was brought to the notice of the Standing Committee who ratified the action of the Chief Accountant by a subsequent order. As no fair trial was given to the machine before its introduction. the work turned out was not found to be correct and mistakes were often detected and had to be set right. Four months after the introduction of the machine, i.e., from the 1st of August 1928 the old method of maintaining the Day Books was reverted to with slight modifications, in conjunction with the accounting machine. Since the commencement of the current year, however, the old system has been adopted, the receipt portion only of the accounts being recorded on the machine in detail.

3. The vouchers relating to Receipts Disbursements and, adjustments were checked in detail with the entries on the sheets typed on the accounting machine for the first four months of the year. On the reintroduction of the Day Books, the entries in them were checked with the vouchers and also with those in ledger. From the commencement of the year under report the Chief Accountant has introduced the system of debiting to final heads of accounts all charges for Rs. 100 and below payable in cash whether paid or not.. The Auditors objected to the procedure and requested the Standing Committee to order the discontinuance of the new procedure adopted by the Chief Accountant pending receipt of the opinion of the Counsel to whom the question of the introduction of the Income and Expenditure system of accounts under the existing provisions of the Act is being referred to by the Municipal Solicitors. The Standing Committee, however, ordered the procedure to continue.

4. The weekly accounts were regularly examined as they were prepared prior to their publication in the Government Gazette.

General Fund.

5. The results of the year compared with the original and Revised Estimate and the Actuals of the previous year are as follows :—

Particulars.	Actuals 1927-28.	1928-29.		
		Budget.	Revised.	Actuals.
Revenue and Receipts	3,17,08,288	3,27,43,589	3,19,28,754	3,15,33,383
Expenditure	3,14,45,875	3,33,37,531	3,37,43,063	3,27,50,278
Surplus	2,62,413	....	....	....
Deficit	....	5,93,942	18,14,309	12,16,895
Unexpended grants to be renewed during the year	6,39,035	....	....	8,28,858

Comparison of Accounts.

6. The Revenue for the year under report (Rs. 3,15,33,383) fell short of that of the previous year (Rs. 3,17,08,288) by Rs. 1,74,905. The decrease is distributed amongst several heads but chiefly under General Tax, Water Tax, Education, Roads and Overbridges, Halalkhore Tax and under Contribution from Capital Funds to Revenue on account of Loan Works Staff,

counterbalanced by increases under Town Duties, Cotton Duty, Interest and Profits on Investments, Garden and Open Spaces and Markets and Slaughter Houses. The decrease of (·52) under General Tax is distributed amongst Tax from public (3·25 lacs), from City Improvement Trust (·53) and from Mills (·32) counterbalanced by an increase of (3·29) from Port Trust and (·29) from Government. The decreases under Tax from public and City Improvement Trust were due to large arrears at the end of the yea rand under Mills to strike, while the increase under Port Trust was mainly on account of revised assessment of their properties. The decrease under Water Tax (4·10 lacs) was mainly under Tax by meter measurement, due to large arrears outstanding from Government and the Railways. The decrease under Education was under Contribution from Government and under Roads and Overbridges to a falling off in the Tax from from Public Conveyance due to a fall in the number of Hack Victorias, and Halalkhore Tax due to large arrears under tax on rateable value. Under Contribution from Capital Fund to revenue on account of Loan Works Staff the decrease was due to less expenditure on Capital Works. The increase under Town Duties (1·07 lacs) was chiefly due to less refunds on sugar, etc., and that of (2·05 lacs) under Cotton duty was due to increased imports. Under Interest and Profit on Investments the increase of (1·34 lacs) was on account of interest realizations on large surplus and loan balances in hand. The increase of 2 lacs under Garden and Open Spaces was entirely on account of rent paid by the Western Indian Turf Club for the new Race Course, while that under Markets and Slaughter Houses (·57 lacs) was due to increased receipts from stall rents and fair ground and feeding fees.

7. The expenditure for the year under review amounted to Rs. 3,27,50,278 against Rs. 3,14,45,875 in the previous year, thus resulting in a large increase of Rs. 13,04,403 due mainly to a Contribution from Revenue during the year of a sum of Rs. 7 lacs towards Bai Jerbai Wadia Hospital for Children. This amount was transferred to Loan Funds during the year to meet payments on account of the Municipal share from time to time towards the construction of the Hospital. Excluding this special item the increase in the ordinary expenditure for the year when compared with that of the previous year was Rs. 6,04,403. This is distributed amongst the several heads but is chiefly under Municipal Commissioner's personal, etc., (·88) due to the expenditure on account of the printing of Voter's lists and the General Elections; Miscellaneous charges (·28) on account of an increase in pension charges (·32) on account of the write-off of the deficit in overhead cost of workshops; Election expenses (·40) due to the preparation of the Electorate Rolls for the elections of 1929–30, Debt charges (8·78 lacs) on account of the provision for the first time of Sinking Fund charges on Development Loans and the interest and Sinking Fund charges on the new Loan of 25 Lacs (1927–28) and to the transfer of Bank's Commission and other Loan charges from Miscellaneous; Under King Edward Memorial Hospital (·29) due to increased expenditure under Establishment, Medicines and diets on account of an increase in the number of patients, under Street cleansing Miscellaneous (·33) on account of the rents of buildings hired from the City Improvement Trust, Public Lighting (·29) to an increase under Gas and Electric lighting due to additional lamps, under Halalkore Branch New Works (·32) due to increased expenditure and under Contribution to Provident Fund by the Municipal Corporation due to an increase in the number of contributors. These increases were partially counterbalanced by decreases of (·11) under Corporation and Standing Committee due to the stoppage of fees to the members of the Standing Committee, under Water Works D. Miscellaneous (·43) due to decrease under tools and plant, maintenance of pumping engine and plant for chlorinating the Bombay Water supply. The decrease of (1·07 lacs) under Education was due to smaller contribution made to the Schools Committee while that under Roads and Overbridges (1·28 lacs) was due to less repairs on account of Asphalt Roads. Under cleansing and repairing Port Trust wharves and roads the savings (1·32 lacs) were due to the fact that last year's charges included payment of arrears of rebate to the Bombay Port Trust for the year 1923-24 to 1925-26. The decrease of (·56) under Loan Works Establishment was due to retrenchment in the staff.

COMPARISON OF THE ACCOUNTS OF THE YEAR WITH THE BUDGET AND REVISED ESTIMATES.

8. The Budget for the year provided for a Revenue of Rs. 3,27,43,589 against which the actual realizations amounted to Rs. 3,15,33,383 resulting in a falling off of Rs. 12,10,206. The large decrease is distributed chiefly under General Tax (6·18), Water Tax (6·01), Halalkore Tax (·97), Fire Tax (·37), Wheel Tax (·60), Ground rent from Tramway Co. (·32), Town Duty (·53), Education (·34) and contribution from Capital Fund to Revenue on account of Loan Work staff (1·36). These decreases were, however, partially counterbalanced by increases of (4·14) under Interest and Profits on Investments and (·44) under Markets and Slaughter Houses. The total decrease under Rates and Taxes taken collectively amounted to 14·13. Of these (8·47) are due from the G. I. P. Railway, (·52) from the B. B. & C. I.

Railway, (.30) from Government, (·20) from Port Trust, (.73) from City Improvement Trust, and the balance (3·91) from public. The large outstandings under G. I. P. Railway are accounted for as due to the Railway Company having put in a claim for the treatment of its properties on the same lines as those of Government in the matter of taxation since the Railway is State-managed. The arrears from other bodies and the public were mainly due to amounts not having been realized before the 31st March. The decrease under Education is due to the full amount provided in the Budget not having been received from Government as the dispute with them regarding their liability in the matter has not yet been settled. The decrease under Town Duty was mainly due to a falling off in the collections through the G.I.P. Railway while that under Ground rent from the Tramway Company due to arrears which have been received in the following year. Owing to a decrease in the expenditure on Capital Works there was a falling off in the Contribution from Capital Funds to Revenue on account of Loan Works Staff. The increase under Interest and Profit on Investments was due to large receipts from interest realized on unexpended Surplus and Loan balances, while that under Markets to increased receipts under stall rents and fair grounds and feeding fees. The Revised Estimates for the year was put down at Rs. 3,19,28,754 against which the actual realization was Rs. 3,15,33,383 or Rs. 3,95,371 less than anticipated. The falling off is chiefly under General Tax (3·34), Water Tax (1·47), Education (·34), Wheel Tax (1·30), and Contribution from Capital Funds to Revenue (1·07) partially counterbalanced by increases under Town Duties (1.46), interest and Profits on Investments (2.14). The variations were due to the Revised Estimates framed by the Account Office not having been realized for the reasons stated above. The figure for Town Duties was put at a low figure in the Revised on the progress of the actuals in the first eight months of the year, but owing to an improvement in the receipts through the Port Trust on account of increased imports and to a falling off in the estimated amount of refunds on sugar, there was an increase in the actual realizations.

9. The expenditure for the year under review amounted to Rs. 3,27,50,278 against the Budget Estimates of Rs. 3,33,37,531 resulting in a saving of Rs. 5,87,253. The expenditure for the year, however, includes a special charge of Rs. 7 lacs not included in the Budget but met by an additional grant from the Surplus Cash Balance (Corporation Resolution No. 850, dated the 26th April 1928) on account of the Contribution from Revenue towards Bai Jerbai Wadia Hospital for Children. This sum is credited to Loan Funds to meet the expenditure from time to time towards the construction of the Hospital. If this special item be omitted the expenditure proper for the year stands at Rs. 3,20,50,278 showing a decrease of Rs. 12,87,253 which is distributed mainly under the following heads :—

	(in thousands.)
General Supervision	76
Water Works	140
Public Health	71
Hospitals and Medical Relief	96
Street Cleansing and Conservancy	190
Roads and Overbridges	276
Drainage and Sewerage	177
Fire Brigade	38
Markets and Slaughter Houses	45
Contribution to the City Improvement Trust ..	105
Loan Works, Staff	35

10. The savings under General Supervision are distributed amongst several minor heads but are chiefly under Debt charges due to the Loan charges in connection with a Loan of Rs. 25 lacs intended to be raised not having been raised, partially counterbalanced by an increase in pension charges. The savings under Water Works were mainly under Establishment and Labour, Repairs and Maintenance, and Miscellaneous,while that under Public Health to grants under General Supervision and Malaria not having been fully utilized. Large savings under King Edward Memorial Hospital and Gordhandas Sunderdas Medical College account for the decrease under Hospital and Medical Relief. The savings under Street Cleansing and Conservancy are distributed amongst several heads but are chiefly under Motor and Bullock traction. Under Roads and Overbridges on account of less repairs to Asphalt Roads and to less expenditure under cleansing and repairing Port Trust Wharves and Roads, there were large savings. The decrease under Drainage and Sewerage was chiefly in the labour charges under Miscellaneous Drainage and in the Halalcore Branch, Cleansing and Sanitation and Bullock Traction while that under Fire Brigade was chiefly under Establishment charges. Under Markets and Slaughter Houses the

savings were distributed under all heads, while that under Contribution to the City Improvement Trust was due to a falling off in the actual realization from General Tax. The savings under Loan Works Establishment were due to the curtailment of the staff owing to reduced Capital expenditure. The Revised Estimates for the year under review were fixed at Rs. 3,37,43,063 against which the expenditure amounted to Rs. 3,27,50,278, thus resulting in a saving of Rs. 9,92,785. They are distributed amongst several heads but are chiefly under General Supervision, Debt charges, Pension charges, Water Works, Public Health, Hospital and Medical Relief, Roads and Overbridges, Drainage and Sewerage for reasons explained above.

11. The Budget for the year under review closed with a deficit of Rs. 593,942. Owing, however, to an anticipated falling off in the receipts to the extent of over 8 lacs and an increase in expenditure of 4 lacs the deficit rose to Rs. 18,14,309 in the Revised. The actual result for the year was a deficit of Rs. 12,16,895. The actual results of the last 5 years are given below for comparison :—

Year.	Receipts.	Expenditure.	Surplus + or Deficit. —	
	Rs.	Rs.	Rs.	Rs.
1924–25	3,02,15,121	3,00,57,096	+ 1,58,025	....
1925–26	3,05,31,359	2,90,87,636	+ 14,43,723	....
1926–27	3,21,35,697	3,01,62,656	+ 19,73,041	....
1927–28	3,17,08,288	3,14,45,875	+ 2,62,413	....
1928–29	3,15,33,383	3,27,50,278	....	— 12,16,895

12. From the above figures it will be seen that the year 1926–27 was a record year as the Revenue received was at its climax and the surplus for the year was the highest recorded during the past 35 years. It is however regretted to note that instead of an advance, our revenues are dwindling every year, there being a fall of 6 lacs in the two years while on the other hand the expenditure is fast growing that of the year under review being over a quarter of a crore more than that of 1926-27 . Even omitting, however, the special non-recurring expenditure of 7 lacs from Revenue during the year on account of the Contribution to Bai Jerbai Wadia Hospital for Children, the expenditure for the year is nearly 19 lacs more than that of 1926-27. It is therefore essentially necessary to curtail expenditure without affecting efficiency or to find measures to improve out revenue resources. If this state of affairs continues our borrowing capacity will be seriously affected and the development of the City will be retarded.

13. Taking into account, however, the decrease in the outstanding liabilities of Rs. 9,502 and an increase in the amount of renewed grants of Rs. 1,89,822, the deficit for the year works up to Rs. 13,97,215 (*vide* Appendix 2 of the Chief Accountant's report.)

14. The total lapsed grants estimated to be renewed during the year 1929-30 amount to Rs. 8,28,859 against Rs. 6,39,035 in the last year or an increase of Rs. 1,89,823. Compared with the actuals of the last 7 years the outstanding charges were as follows :—

Year.	Outstanding charges.	Total Expenditure.	Percentage of outstanding charges to total expenditure.
	Rs.	Rs.	
1922-23	22,11,307	2,61,81,439	8·4
1923-24	18,72,507	2,89,50,053	6·4
1924-25	18,76,640	3,00,57,096	6·2
1925-26	15,68,726	2,90,87,636	5·4
1926-27	6,68,083	3,01,62,656	2·2
1927-28	6,39,035	3,14,45,875	2·03
1928-29	8,28,857	3,27,50,278	2·53

15. Compared with the previous year the percentage has increased by ·5. The figure of lapsed grants to be renewed, *viz.* 8,28,859, is made up of Rs. 2,19,533 on account of Interest charges on Municipal Debentures due but not paid before 31st March 1929, the balance of Rs. 6,09,326 is distributed amongst several heads and is intended to meet the liabilities incurred but not paid and to be incurred.

Loan Fund.

	Actuals 1927-28.	1928-29.		
		Budget.	Revised.	Actuals.
	Rs.	Rs.	Rs.	Rs.
(1) Loan Works	34,24,774	42,57,442	45,27,408	30,33,292
(2) Development Works	33,88,516	28,80,286	27,33,347	23,61,402
(3) Trust Fund Works ..	3,55,771	*	49,174	32,381
Total ..	71,69,061	71,37,728	73,09,929	54,27,075

* Provision included in Loan Works.

16. The actuals fell short of the Budget by Rs. 17,10,653 and the Revised Estimates by Rs. 18,82,854, *i.e.*, 24 and 26 per cent. short mainly due to overestimates. As already stated in previous reports our executive officers do not give close attention to framing their estimates for the year. Their Revised Estimates which ought to follow closely the actuals for the year are always out by a large percentage, thus disclosing that they fail to exercise great care in preparing their estimates on the experience gained by the progress of works in the earlier part of the year. The decrease as compared with the Revised was chiefly under Water Work (2·11 lacs), Hospitals and Medical Relief (3·79), Street Cleansing and Conservancy (1·33 lacs), Roads and Overbridges (3·44 lacs), Drainage and Sewerage (3·69 lacs). The Loan and Development Fund balances which stood at 54·56 lacs on the 31st March 1928 were reduced to Rs. 18,42,485 on 31st March 1929 (as per details given below para. 35).

17. During the year under report it was intended to raise a loan of Rs. 25 lacs for which due provision was made in the Budget Estimates (Rs. 18 lacs for general purposes and Rs. 7 lacs for Development Works). In view, however, of the large balance in hand at the beginning of the year the idea of raising the loan during the year was abandoned, and the expenditure under Development Works was met by a temporary transfer of Rs. 5,44,573 from Loan Funds, by a provision in the Revised Estimates but without any specific orders of the Standing Committee and the Corporation. In the Budget Estimates for the year sums of Rs. 10 lacs and 4 lacs were provided under Development Funds as receipts from sale of Lands, and Rent and Interest on Investments respectively. Those amounts were reduced to Rs. 2 lacs and Rs. 3½ lacs in the Revised against which the actual recoveries during the year have amounted to Rs. 41,209 and Rs. 3,11,050 respectively. During the year in order to give subvention to landlords for the conversion of basket privies into water-closets a sum of Rs. 90,400 was advanced to Loan Funds from the Surplus Cash Balance pending raising of a loan for the purpose.

Loans.

18. As stated above (para 17) a loan of Rs. 25 lacs was intended to be raised during the year but none was raised in view of large funds in hand for the required expenditure. The total amount repaid during the year in liquidation of Municipal Debt was Rs. 26,13,070 as per following details:—

Loans raised from Government.

	Rs.	a.	p.
Vehar Water Works	43,226	5	0
Instalments of equated payments of Loan raised from Government (*a*)	15,07,343	12	0
Total ...	15,50,570	1	0

Loans raised from Public.

	Rs.	a.	p.
The Sanitary Works Loan of 1885-86	13,500	0	0
The Sanitary Works Loan of 1888	32,000	0	0
The Drainage and Water Works Loan of 1888	19,500	0	0
The Miscellaneous Loan Works of 1888-89	9,93,000	0	0
The 42 lacs Loan for the repayment of the Balance of Government Consolidated Loan	4,500	0	0
Total ..	10,62,500	0	0
Grand total ..	26,13,070	1	0

The above sum (*a*) includes a sum of Rs. 3,93,363 provided in the first instance under Sinking Funds for the repayment of the Development Loans of Rs. 1,41,74,000 and Rs. 22 lacs subsequently paid to Government on the arrangement of the repayment of these loans by yearly equated payments having been sanctioned by Government.

Suspense Heads.

19. A Regular Budget Estimate both of receipts and payments under the Suspense heads is prepared and submitted to the Corporation for sanction. We are not in agreement with the procedure followed in the preparation of these estimates and omission of certain heads from the estimates. Our objection in this matter was not upheld by the Revenue and General Purposes Committee and also by the Standing Committee. We have, however, approached the Commissioner with a request to consider the matter and decide as he thinks best.

Advances recoverable.

20. *Advance to Municipal Officers.*—The balance on 31st March 1929 was Rs. 19,415-9-6 against Rs. 25,690-14-6 on 31st March 1928. It includes Rs. 12,724-9-6 on account of Standing Advances to officers for contingent expenses, Rs. 6,651 on account of advances to Municipal officers for purchase of motors and motor cycles and Rs. 40 on account of advances to Municipal subordinates for cycles. The decrease is mainly due to a falling off in the outstanding balances of motor cars, motor cycles and cycles on account of large recoveries.

21. *Advances to Municipal Contractors.*—The balance outstanding at the end of the year under report was Rs. 3,857-14-4 against Rs. 2,455-15-6 on the same date last year. The balances under the following heads on 31st March 1929 compared with those on the same date of the previous year are as follows:—

Heads.	1927-28.			1928-29.		
	Rs.	a.	p.	Rs.	a.	p.
Departmental works	*Cr.* 19,403	9	4	57,671	5	2
Private works	57,115	0	0	47,541	5	8
Workshops	63,523	11	0	65,051	10	10
Asphalt plant and Crushers	2,84,908	0	5	1,68,829	14	3
Purchase of Petrol	1,930	8	6	4,225	10	6
Purchase of coal	12,034	11	5	13,903	10	4
Rent Relief	201	6	6	3,468	0	6
Levelling and Metalling of private streets ..	2,33,822	11	7	1,89,202	3	6
Sundries—Miscellaneous	24,602	0	10	1,28,655	6	9

22. Under Departmental works there is an increase of Rs. 77,074-14-6 in the outstanding balance over that of the previous year which is distributed amongst all the branches but is chiefly under D. E. Works. Under private works there is however a decrease of Rs. 9,573-10-4 chiefly under Water Works and Roads and Buildings due to prompt recoveries. The increase under Workshops is due to an increase in the amounts due from other departments, and to a deficit on the year's working which is estimated at Rs. 21,327-12-4 against Rs. 27,686-4-0 in the last year, the decrease being due to the percentage of overhead charges having been raised

to 50 per cent. on labour only in lieu 25 of per cent. on labour and stores from 1st October 1928 agreeably to Standing Committee Resolution No. 5739, dated the 1st October 1928. An additional grant from the surplus cash balance has been applied for to write off the deficiency. Under Asphalt plant and Crushers there is a decrease in the outstanding balance on 31st March 1929 chiefly under Asphalt plant while the increase in the Rent relief is due to recoveries from Government having been in arrears. The decrease under Levelling and Metalling of private streets is due to excess of recoveries during the year over expenditure.

Reserve Stock Account.

Department.	Balance on 31st March 1928.	Balance on 31st March 1929.
Executive Engineer's Department.	Rs. a. p.	Rs. a. p.
Stores in charge of Executive Engineer's Department (D. E. Works.)	29,856 14 3	28,156 5 3
Stores in charge of Drainage Department ..	1,075 0 0	1,075 0 0
Total ..	30,931 14 3	29,231 5 3
General Stores Department.		
General Stores	4,64,508 0 4	4,87,922 0 0
Surplus and obsolete Stores	....	....
Line Suspense account	83,785 13 7	82,181 1 7
Capital stores	3,68,311 9 11	3,39,247 12 0
Total ..	9,16,605 7 10	9,09,350 13 7
Stores (sales)	7,094 1 0	2,060 1 0
Water works imprest	3,621 11 9	4,416 4 7
Stock adjustment account	—29,752 6 5	—30,988 5 5
Total ..	—19,036 9 8	—24,511 15 10
Grand Total ..	9,28,500 12 5	9,14,070 3 0

23. The decrease in the outstanding balance as compared with the previous year is chiefly under Capital Stores particularly counterbalanced by an increase in general stores. Agreeably to the instructions contained in para XXIX of the Stores Audit Manual Balance Sheet of General Stores Department has been prepared in the form prescribed in Appendix O of the Manual wherein two sets of figures have been given, one set from the books of the Chief Accountant's Office and the other from the Balance Sheet of the Stores Department. The difference in the balance shown in the two sets of figures has been explained in a footnote in the statement hereto annexed.

24. *Deposits.*—The outstanding balance on 31st March 1929 aggregated Rs. 21,20,689-1-7 (as per details given in the Appendix 14-C of the Chief Accountant's report) against Rs. 22,16,252-10-6, the decrease is distributed amongst several heads but is chiefly under (*a*) Cash Deposits from Contractors, (*b*) Cash Deposits from private parties, partially counterbalanced by an increase under (*a*) Cash Deposits from tenderers, (*c*) other Cash Deposits and Paper Deposits kept in office.

25. *Cheques payable.*—There was a large increase in the outstanding balance under cheques payable on 31st March 1929 when compared with that on the same date of the previous year (being Rs. 17,18,966-8-7 against Rs. 1,20,397-1-2) due to a large number of cheques drawn but not delivered to the parties owing to holidays on the closing days of the year.

26. *Cash bills outstanding account.*—The amount outstanding on 31st March 1929 was Rs. 12,881-8-2 against Rs. 10,036-10-0,the increase being due to a large number of bills for and below Rs. 100 passed for payment and charged off in the accounts by debit to proper service heads, not having been paid before the 31st March 1929.

27. The opening cash balance on the 1st April 1928 was Rs.10,54,225-10-11. This together with the total receipts under Revenue, Capital and Suspense accounts (Rs. 14,50,88,845-11-3) amounted to Rs. 14,61,43,071-6-2. The gross expenditure during the year amounted to Rs. 14,46,44,187-12-1, leaving a balance of Rs. 14,98,883-10-1 on 31st March 1929. Owing chiefly to a falling off in the receipts and expenditure under Capital and Suspense accounts the gross transactions of the year fell short by about 9 crores when compared with those of the previous year.

28. A list of charges sanctioned by the Municipal Commissioner and paid out of his Discretional Contingent grant during the year 1928-29 is appended as usual. From the list it will be seen that the total expenditure is Rs. 6,835-10-4 against a Budget grant of Rs. 7,000.

Sinking Funds.

29. Agreeably to Corporation Resolution No. 5294, dated the 19th November 1888, the auditors have to certify that all investments on account of Sinking Funds made during the year pertaining to the several loans due by the Municipality agree with the amounts provided for investments in the Budget Estimates for the year. On the recommendations of the Standing Committee (Resolution No. 5733, dated the 9th August 1927) appoval was given by the Corporation to the revision of the Sinking Funds (Resolution No. 6114, dated the 12th September 1927). The new arrangement was, however, not submitted to Government for their formal approval. In the Budget for 1928-29 a sum of Rs. 21,07,880 was provided for investment in Sinking Funds and this amount was wholly invested during the year. Out of this amount, however, a sum of Rs. 3,93,362 provided for the Sinking Fund instalments of the loans of Rs. 1,41,74,000 and Rs. 22,00,000 for Development Schemes under the orders of the Standing Committee (Resolution No. 5344, dated the 17th August 1927) pending final settlement of the question of repayment of these loans was paid to Government on the 28th of March 1929 in liquidation of the loans as it was decided by Government with the concurrence of the Corporation that these loans should be repaid by equated yearly payments on the 31st March each year (Corporation Resolution No. 5253, dated the 11th September 1928). The amount actually remaining invested in Sinking Funds during the year was Rs. 17,14,518 (*vide* Appendix 10 of the Chief Accountant's report). The total accumulated balance on account of Sinking Funds (inclusive of Sinking Fund Investment Reserve Fund) on 31st March 1929 amounted to Rs. 3,07,67,782-6-5 (Rs. 3,07,67,068-6-4 being the actual value of the securities of the value of Rs. 2,73,31,200 and £3,47,600 and Rs. 714-0-1 in cash as shown below) against Rs. 2,97,74,441-4-0 on 31st March 1928.

Particulars of Securities.

		Rs.	a.	p.
5	per cent. Municipal Debentures	56,03,500	0	0
4	,, ,, ,, ...	1,31,64,700	0	0
6	,, ,, ,, ...	7,19,500	0	0
4	,, Government Conversion Loan	9,40,500	0	0
4	,, Bombay Improvement Trust Debentures ..	21,69,500	0	0
4	,, Bombay Improvement Trust Debentures (Coupon Debentures)	1,23,400	0	0
4	,, Loan of 1960–70	37,68,500	0	0
5	,, Bonds 1935	7,78,500	0	0
5	,, Government War Loan 1929–47	63,100	0	0
	Total Rs. ..	2,73,31,200	0	0
4	,, Bombay Improvement Trust Sterling Debentures	£25,000	0	0
4½	,, India Sterling Loan 1950–55	£3,22,600	0	0
	Total ..	£3,47,600	0	0
	Total actual Loan value, (Appendix 16A of the Chief Accountant's report)	3,07,67,068	6	4
	Amount in Current Account with the Imperial Bank of India	714	0	1
	Total Rs. ..	3,07,67,782	6	5

30. The above Securities include 4 per cent. Government Loan of 1960–70 of the face value of Rs. 9,51,300 and 5 per cent. Bonds of 1935 of the face value of Rs. 16,000, total Rs. 9,67,800 (total market value Rs. 8,55,080) *plus* cash of Rs. 534-14-6 to make good the deficiency in the Sinking Fund accumulations due to the rating of the Securities at their par value instead of the current market rate as required by article 291 of the Accounts Code (revised) against Rs. 7,35,300 in the previous year, the increase being to a large falling off in the market rate of the several securities other than Municipal Debentures which are valued at par. The total amount withdrawn from Sinking Funds during the year aggregated Rs. 14,55,862 inclusive of Rs. 3,93,362 referred to above, for the payment of the principal of Loans. The increase in the accumulated balances as compared with those of the previous year was due to an increase in the amount of Sinking Fund instalments and to investment of interest realizations on the Sinking Funds.

31. The safe custody receipts given by the Imperial Bank of India for the above Securities were examined and found to be in order and the cash balance in current account of the Sinking Funds as shown in the Bank's Pass Book was also verified and found correct.

BALANCES.

32. Cash Balance in the Office and in the Imperial Bank of India (Current Account) was as detailed below :—

	Rs.	a.	p.
(*a*) Cash in Office Treasury	816	15	4
(*b*) Securities in hand in the Office Treasury	75,400	0	0
(*i*) Total	76,216	15	4
(*a*) Balance as per Bank's Pass Book	13,37,137	11	10
Add—Amount remitted to the Bank on 28th March 1929 (last working day) to be realized on the 2nd April 1929	1,03,947	14	5
	14,41,085	10	3
Deduct—Amount of Uncashed Cheques	18,418	15	6
(*ii*) Total	14,22,666	10	9
(*i*) and (*ii*) Total	14,98,883	10	1

The cash balance in the hands of the Cashier was counted on 2nd April 1929 and found correct. The Securities in office treasury in charge of the Senior Accountant were also examined and found to agree with the balance in hand shown above.

INVESTED BALANCES.

33. *Surplus Revenue Funds.*—The invested Surplus Funds on the 31st March 1929 amounted to Rs. 1,08,51,076-1-11 against Rs. 1,10,13,949-2-0 on the same date last year as per following details :—

	Rs.	a.	p.
(*a*) In Government and other Securities with the Imperial Bank of India of the face value of Rs. 68,52,700	66,26,825	3	0
In cash with the Imperial Bank of India	1,132	14	5
Total	66,27,958	1	5
(*b*) In current account with the following Banks :—			
The Central Bank of India, Ltd.	1,06,744	9	0
The Mercantile Bank of India, Ltd.	5,280	2	10
The Chartered Bank of India, Australia and China	981	2	4
The Hongkong and Shanghai Banking Corporation	2,116	4	0
The National Bank of India, Ltd.	357	14	0
The Comptoir National D'Escompte de Paris	788	15	0
The Yokohama Specie Bank, Ltd.	1,057	2	5
The P. & O. Banking Corporation	713	1	0
The National City Bank of New York	1,144	12	1
The Bank of India, Ltd	641	1	0
The Eastern Bank, Ltd.	3,479	14	1
The Allahabad Bank, Ltd.	7,482	13	9
The Lloyd's Bank, Ltd.	2,330	5	0
Total Rs.	1,33,118	0	6

	Rs.	a.	p.
(*c*) In Fixed Deposits with the following Banks :—			
The Chartered Bank of India, Australia and China	1,80,000	0	0
The Bank of India, Ltd.	12,00,000	0	0
The Allahabad Bank, Ltd.	2,60,000	0	0
The Central Bank of India, Ltd.	2,50,000	0	0
Total Rs. ..	18,90,000	0	0
(*d*) In Deposits at call with the following Banks :—			
The Mercantile Bank of India, Ltd.	3,50,000	0	0
The Bank of India, Ltd.	5,00,000	0	0
The Yokohama Specie Bank, Ltd.	5,00,000	0	0
The P. & O. Banking Corporation	8,50,000	0	0
Total ..	22,00,000	0	0
(*a*) Total	66,27,958	1	5
(*b*) „	1,33,118	0	6
(*c*) „	18,90,000	0	0
(*d*) „	22,00,000	0	0
Grand Total ..	1,08,51,076	1	11

34. The above sum includes Rs. 54,887-10-8 on account of Trust Funds which have been held temporarily under Surplus Reserve Funds. (*Vide* appendix 7 of the Chief Accountant's report.)

SURPLUS LOAN AND DEVELOPMENT FUNDS.

35. The balance of invested amounts of the several Loan and Development Funds on the 31st March 1929 amounted to Rs. 18,42,485-14-6 against Rs. 54,56,851-12-5 on the same date last year as per following details :—

	Rs.	a.	p.
(*a*) In Government and other Securities with the Imperial Bank of India of the face value of Rs. 7,76,800	7,28,008	0	0
Cash with the Imperial Bank of India	156	7	1
Total ..	7,28,164	7	1
(*b*) In Fixed Deposits with the following Banks :—			
The Chartered Bank of India, Australia and China	8,70,000	0	0
The Allahabad Bank, Ltd.	2,40,000	0	0
Total ..	11,10,000	0	0
(*c*) In current account with the following Banks :—			
The Chartered Bank of India, Australia and China	598	11	8
The National Bank of India, Ltd.	1,000	0	0
The Yokohama Specie Bank	1,000	0	0
The Bank of India, Ltd.	1,000	0	0
The Allahabad Bank, Ltd.	722	11	9
Total ..	4,321	7	5
(*a*) Total	7,28,164	7	1
(*b*) „	11,10,000	0	0
(*c*) „	4,321	7	5
Grand Total ..	18,42,485	14	6

TRUST FUND.

	Rs. a. p.
Amount held in Surplus Revenue	54,887 10 8

RESERVE AND SPECIAL FUNDS.

35. The balance of the several Reserve and Special Funds detailed below aggregated Rs. 86,92,199-15-0 on the 31st March 1929 (Rs. 86,89,048-1-0 in Securities of the face value of Rs. 99,81,200-0-0 and Rs. 3,151-14-0 in cash) as shown below :—

Particulars.	Face Value.	Actual Cost.	Cash Balance in Bank.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Municipal Fire and Accident Insurance Fund	6,56,400 0 0	5,75,721 8 0	506 4 9
Wornout mains Renewal Fund	3,91,800 0 0	3,20,312 0 0	387 13 8
Net Premia Fund	18,43,500 0 0	15,95,533 0 0	447 15 3
Provident Fund	36,29,800 0 0	30,46,038 12 0	534 15 11
Fines Fund	3,93,900 0 0	3,51,572 0 0	302 12 6
Municipal Land and Building Fund	3,56,400 0 0	3,31,181 0 0	373 4 2
Public monuments	1,06,700 0 0	1,03,824 0 0	....
Endowment Funds	87,600 0 0	81,294 12 0	....
Plant and Machinery Depreciation Fund	19,43,500 0 0	17,80,563 1 0	416 11 9
Renewal of Road Surface ..	5,71,600 0 0	5,03,008 0 0	182 0 0
Total ..	99,81,200 0 0	86,89,048 1 0	3,151 14 0
		86,92,199 15 0	

36. The safe custody receipts given by the Imperial Bank of India for the above Securities were examined and found correct. The cash balances in the current accounts with the several Banks were compared with the Pass Books and found correct. The several Banks receipts for the amounts lodged with them in Fixed Deposits and at call were also seen and found to be in order. The several Registers maintained in the account office on account of these investments were examined and found to be in order.

DEVELOPMENT FUNDS.

37. This Fund was opened under Corporation Resolution No. 6159, dated the 12th October 1922. The state of the Fund was as follows :—

	Rs. a. p.
Balance on 1st April 1928	7,55,319 2 1
Transfer from Land and Building Fund	7,28,068 4 1
Interest on Investments and rents from properties acquired and rented out	3,11,050 4 0
Sale proceeds of Surplus Lands	41,209 0 0
Temporary advances from Loan Funds	5,44,573 0 0
Total ..	23,80,219 10 2
Deduct—	
Expenditure incurred during the year	23,61,402 4 2
Balance on 31st March 1929	18,817 6 0

With regard to the temporary transfer from Loan Funds of Rs. 5,44,573 it is observed that though the amount was provided in the Revised Estimates of the year, there were no specific orders of the Standing Committee and the Corporation to the transfer.

LEVELLING AND METALLING, ETC., PRIVATE STREET FUND.

38. These charges were previously met out of a short dated bill Loan from the Imperial Bank of India under Corporation Resolution No. 9427, dated the 23rd January 1922. It was however subsequently decided to meet these charges out of the Plant and Machinery Depreciation Fund under Corporation Resolution No. 11147, dated the 7th January 1926.

The state of the Fund was as follows :—	Rs.	a.	p.
Expenditure during the year	42,817	9	9
Net interest charges during the year after deducting receipts	7,562	2	11
Total ..	50,379	12	8
Recoveries during the year on account of expenditure ..	81,535	7	1
Recoveries on account of Supervision charges	13,464	13	8
Total ..	95,000	4	9
Excess of receipts over expenditure	44,620	8	1

In view of the excess recoveries during the year the balance of advance on 1st April 1928, *viz.*, Rs. 2,33,822-11-7 was reduced to Rs. 1,89,202-3-6 on 31st March 1929.

(Rs. 2,33,822-11-7 *minus* Rs. 44,620-8-1.)

39. The safe custody receipts for Government and other securities aggregating Rs. 5,17,800 received from contractors and Municipal employees and lodged with the Imperial Bank of India were examined by us and found to be in order. The Securities other than Government scrip furnished by the Municipal employees were also examined with the registers maintained in the office of the Chief Accountant.

40. For the scrutiny of outstanding bills of Rates and Taxes for the year 1928-29 a reference is requested to Auditor's letter of the 1st July 1929 and to the appendices attached thereto from which it will be seen that the total number of bills outstanding on the 31st March 1929 was 11,214 of the total value of Rs. 21,98,322-12-4 against 10,872 of the total value of Rs. 16,09,130-6-8 last year. In addition to the above balance a claim of Rs. 6,776-12-2 due by Government on account of General Tax was also outstanding, thus raising the total outstanding to Rs. 22,05,099-8-6 on the 31st March 1929.

BOMBAY, *25th September* 1929.

H. S. KATRAK,
T. J. PAREKH,
Municipal Auditors.

List of charges sanctioned during 1928-29 *by the Municipal Commissioner and paid out of his Discretional Contingent grant.*

Serial No.	Sanctioning Authority.	Particulars.	Amount.			Remarks.
			Rs.	a.	p.	
1	Municipal Commissioner's No. 1549 of 5th April 1928.	Payment of the funeral expenses of the late Noorkhan Hasan of Fort Fire Brigade Station as there were no relatives of his in Bombay.	30	0	0	
2	Standing Committee Resolution No. 329 of 13th April 1928.	Payment of Rs. 1,500 in full settlement of the claim of Mr. Abdul Raheman Abubakar for damage done to his motor car by a Municipal fire engine.	1,500	0	0	
3	Municipal Commissioner's No. A. E. 1137 of 12th April 1928.	Value of a mismatched Note received in Assistant Health Officers general collection (M. C.'s. remarks—but it is to be understood that this is not to be quoted as a precedent in future.)	5	0	0	
4	Municipal Commissioner's No. A. E. 296 of 13th April 1928.	Compensation paid to Mr. R. E. Mistry for damage done to his property by the collapse of Nahani at premises Nos. 67-69, Gun Bow Street, of which Mr. Mistry was a licensee.	75	0	0	
5	Standing Committee Resolution No. 587 of 18th April 1928.	Compensation paid to Mr. Alamdin Memon on account of damage done to his victoria by a Municipal fire engine.	100	0	0	
6	Standing Committee Resolution No. 1345 of 9th May 1928.	Amount paid for repairing the Mudguard of motor car of Mr. E. C. Madan damaged by a Health Department hand cart.	10	0	0	
7	Municipal Commissioner's No. G-55-C of 14th May 1928.	Cost of extra lights required for the Military stationed at Victoria Gardens during the last riots (February 1929).	259	4	0	
8	Municipal Commissioner's No. E. M. 32-C/E of 24th May 1928.	Payment of the amount of wages of smith No. 98, Vithoba Sultana which was found missing at the time of payment to the workshop staff.	31	14	0	
9	Standing Committee Resolution No. 1913 of 31st May 1928.	Payment of a claim of Rs. 156 from Mr. A. C. Patel, the Proprietor of the Skating Rink for damage done to a snow effect by a cooly engaged by the Municipality for taking furniture of the Electoral Roll Department.	156	0	0	
10	Standing Committee Resolution No. 2141 of 13th June 1928 (noted from Proceedings).	Compensation paid to Mr. L. R. Tairsee for damage done to his motor car colliding with a Health Department cart.	47	12	0	
11	Municipal Commissioner's No. A. E. 63-C/44F of 20th June 1928.	Travelling Allowance paid to Mr. S. Mashukali who was called for an interview *re*: the post of a probationer Assistant Superintendent, Assessment Department, from Bhopal to Bombay and back.	18	10	0	
12	Municipal Commissioner's No. E. G. 1023 of 16th August 1928.	Providing two wooden benches and fixing zinc sheets to two tables in the general Tiffin Room in the Head Office Building.	53	14	0	
13	Municipal Commissioner's No. E. R. 216 of 14th September 1928.	Payment of Rs. 50 each to Mucadam Raghu Tookaram and Mistry Ranu Ramji of the Road Department as legal expenses incurred by them in defending themselves in a Police Court Case from which they were acquitted	100	0	0	
14	Municipal Commissioner's No. A. E. 145-C of 25th September 1928.	Travelling charges of Narayan Raoji, pensioner, sent for medical examination.	13	8	0	
15	Municipal Commissioner's No. A. E. 145-C of 25th September 1928.	Travelling charges of Imam Hasan, pensioner, sent for medical examination.	12	0	0	
16	Do. ..	Travelling charges of Aba Babaji, pensioner, sent for medical examination.	8	8	0	
17	Dean's No. E. H. 1376 of 8th October 1928 Municipal Commissioner's No. E. H. 1376 of 18th October 1928.	Payment to Shripat Umaji, Ice-Mechanic, K.E.M. Hospital, being legal expenses incurred by him *re*: a suit filed by him against one Ichha Khoda who assaulted him (Shripat Umaji) while in the discharge of his duties at the Hospital.	36	5	0	
		Carried forward ..	2,457	11	0	

Serial No.	Sanctioning Authority.	Particulars.	Amount.	Remarks.
			Rs. a. p.	
		Brought forward ..	2,457 11 0	
18	Municipal Commissioner's No. E. M. 1185 of 13th October 1928 and 23rd November 1928.	Payment of Municipal Solicitor's bill and the bill from Messrs. Purnanand Clubvala and Jesubhoy, in case with "Nicker's enquiry" before the Municipal Committee.	182 10 8 463 5 0	
19	Standing Committee Resolution No. 6943 of 31st October 1928 Municipal Commissioner's E.M./8-B.	Payment of an honorarium of Rs. 500 to Mr. A. Williams, c/o M. E., G.I.P. Railway Company for the report in connection with (1) reduction in labour staff and (2) the supervising staff.	500 0 0	
20	Municipal Commissioner's No. E. M. 235 of 15th November 1928.	Providing teak trellis round the W. C. in the compound of the Working Men's Institute, Damodar Hall, Parel, which is used as a public recreation ground.	265 5 8	
21	Municipal Commissioner's No. F 88-C of 4th December 1928.	Payment of a bill of Rs. 128 from the St. George's Hospital for treatment of Mr. W. B. Taylor, Station Officer, Fire Brigade, for injuries received by him during a fire.	128 0 0	
22	Standing Committee Resolution No. 8126 of 5th December 1928.	Compensation for damage done to "Dodge" car No. Y5907 belonging to Mr. R. K. Shroff.	50 0 0	
23	Standing Committee Resolution No. 9477 of 16th January 1929 and E. G. 2189 of 21st June 1929.	Payment to Messrs. Bhau Kashinath & Co., for supplying 124 flags and 1,200 Rft. Streamers.	2,500 0 0	
24	Municipal Commissioner's No. of 9th February 1929.	Payment to the Mechanical Engineer to meet emergent expenditure in connection with payment of "Bhatta" allowance to lorry drivers and similar items (in connection with riots).	150 0 0	
25	Corporation Resolution No. 11273 of 10th February 1928.	Expenses incurred by Miss Darcy in visiting various places for seeing open air treatment of Tuberculosis.	66 13 0	
26	Do. ..	Do. M. Guidera ..	66 13 0	
27	Municipal Commissioner's No. E. M. 53-C of 12th March 1929.	Payment of a further sum of Rs. 10 ..	10 0 0	
			6,840 10 4	
		Less—Recoveries : Credit Voucher No. J.A. 303 of 26th May 1928 ..	5 0 0	
		Total ..	6,835 10 4	

H. S. KATRAK,
T. J. PAREKH,
Municipal Auditors.

BOMBAY, 25*th September* 1929.

Statement of Stores Transactions for the year ending 31st March 1929.

(Appendix O of the Stores Audit Manual.)

General Stores Department.	Figures as per books of the Chief Accountant.					Figures as per Balance Sheet of the Storekeeper.				
	Balance on 31st March 1928.	Receipts during 1928-29.	Total.	Issues during 1928-29.	Balance on 31st March 1929.	Balance on 31st March 1928	Receipts during 1928-29.	Total.	Issues during 1928-29.	Balance on 31st March 1929.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Stores ..	4,64,508 0 4	6,42,214 10 2	11,06,722 10 6	6,18,800 10 6	4,87,922 0 0	4,62,907 4 4	6,81,719 0 7	11,44,626 4 11	6,67,772 15 10	4,76,853 5 1
Line Suspense Account	83,785 13 7	....	83,785 13 7	1,604 12 0	82,181 1 7	83,785 13 7	....	83,785 13 7	1,604 12 0	82,181 1 7
Capital Stores ..	3,68,311 9 11	2,71,042 9 6	6,39,354 3 5	3,00,106 7 5	3,39,247 12 0	3,63,545 14 1	3,46,184 6 7	7,09,730 4 8	3,73,207 8 8	3,36,522 12 0
Total Rs. ..	9,16,605 7 10	9,13,257 3 8	18,29,862 11 6	9,20,511 13 11	9,09,350 13 7	9,10,239 0 0	10,27,903 7 2	19,38,142 7 2	10,42,585 4 6	8,95,557 2 8
									Difference ..	13,793 10 11
										9,09,350 13 7

The difference is due to non-adjustment in the books of the Chief Accountant of the value of stores issued to different departments, which will be adjusted in the next year's account.

BOMBAY, 25*th September* 1929.

H. S. KATRAK,
T. J. PAREKH,
Municipal Auditors.

PART II.

CONTENTS.

A—Vital Statistics— PAGE

REVIEW OF THE YEAR 1928 ... 1
AREA AND POPULATION ... 2
BIRTHS AND BIRTH-RATE ... 2
DEATHS AND DEATH-RATE ... 3
DEATHS BY SEX AND AGE ... 3
CAUSES OF DEATHS ... 4
MORTALITY BY MONTHS ... 6
„ „ SECTIONS ... 6
„ „ OCCUPATIONS ... 6
INFANT MORTALITY ... 6
MUNICIPAL NURSES ... 10
MATERNITY HOMES ... 12
WELFARE CENTRES ... 12
METEOROLOGY OF 1928 ... 12

B—Epidemic and other Diseases—

NOTIFICATION OF INFECTIOUS DISEASES ... 15
PLAGUE ... 15
SMALL-POX ... 16
VACCINATION ... 16
CHOLERA ... 17
INFLUENZA ... 17
TUBERCULOSIS ... 17
MALARIA, ANTI-MALARIAL MEASURES ... 19
VENEREAL DISEASES ... 26
DISINFECTION ... 29
MEDICAL RELIEF ... 29

C—Public Health Administration—

DIVISIONS OF THE CITY AND DISTRIBUTION OF THE STAFF ... 30
CONSERVANCY ... 31
DESTRUCTION OF DOGS ... 31
MILK SUPPLY ... 31
UNWHOLESOME FOOD ... 32
NOTICES UNDER MUNICIPAL ACT AND PROSECUTIONS ... 32
SANITARY STATE OF THE CITY ... 33

D—Appendix—

	Page
Report of the Medical Superintendent, Arthur Road Hospital	37
Report of the Medical Superintendent, Maratha Plague Hospital ...	43
Report of the Municipal Analyst	47
Report of the Superintendent of Vaccination	55

Tables—

1.	Population by Sections	57
2.	Area, Population, Births and Birth-rates by Sections	58
3.	Births by Race	59
4.	Notifications of Infectious Diseases by Sections	60
5.	Cases treated at Municipal Dispensaries	61
6.	Deaths by Sections and Age-periods	62
7.	„ „ Race and Age	63
8.	„ „ certain Causes by Months	64
9.	„ „ Causes and Sections	66
10.	„ and Death-rates from Principal Causes, 1918-28	68
11.	Specific Causes of Death	69
12.	Deaths among Infants by Causes and Months	77
13.	„ by Causes and Races	78
14.	Death-rates by Causes and Races	80
15.	Deaths in Hospitals	82
16.	„ by Causes and Ages...	84
17.	„ „ and Occupations	88
18.	Vaccination Operations by Sections	92
19.	„ „ Months	93
20.	„ of Infants and Births registered	94
21.	Summary of Sanitary Inspections, etc., by Sanitary Inspectors	95
22.	Meteorological Data	96

	Facing Page
Diagrams—	
'A' Annual Death-rate, 1879-1928	2
'B' Death-rate from Principal Causes, 1928	4

SUMMARY OF STATISTICS

for the year 1928.

Population by the Census of 1921	1,175,914	
Area of Bombay City and Island	23·54	Sq. Miles
Average density per acre	78	
Estimated Population in the Middle of the Year 1928	1,298,708	
Number of live-births registered	24,017	
Birth-rate per 1,000 living	18·5	
Number of deaths	27,312	
Death-rate per 1,000 living	21·0	
Number of deaths among infants (under 1 year)	7,468	
Infant deaths per 1,000 births	311	
Plague—number of deaths from	257	
„ Death-rate	0·2	
Small-pox—number of deaths from	597	
„ Death-rate...	0·4	
Cholera—number of deaths from	34	
„ Death-rate	..	
Influenza—number of deaths from	79	
„ Death-rate...	0·1	
Tuberculosis—number of deaths from	1,764	
„ Death-rate	1·3	

VITAL STATISTICS.

ANNUAL REPORT OF THE
EXECUTIVE HEALTH OFFICER
FOR 1928.

Review of the Year.—The number of live-births registered during the year was 24,017, being 2,332 more than in 1927 and 3,255 more than the annual average for the last decennium (1918-1927). This is the highest number of births registered since 1866, the first year in which records of births were instituted.

The deaths registered during the year numbered 27,312, being 321 less than in 1927 and 15,895 less than the average of the last ten years (1918-1927). The death-rate or number of deaths in the year per 1,000 persons living was 21·0 as against 21·3 in 1927 and was lower than the figure recorded for any year since the accurate calculation of rates was rendered possible by the decennial censuses first instituted by Government in the year 1872. This is also true of the death-rate of 23·2 which would be obtained if the mortality were to be calculated on the Census Population of 1921 instead of on the population as estimated for the year under review.

That this reduction is not due to chance and to an abnormally low mortality in 1927 and 1928 is indicated by the fact that the average death-rate for the five consecutive years 1924-1928, namely, 24·8 is 3 per 1,000 less than the rate of 27·8 for the years 1884-1888 which is the lowest rate recorded for any previous quinquennial period.

Deaths from Plague numbered 257 during the year as against 207 in 1927 and 574, the average of the last ten years (1918-1927).

Small-pox caused 597 deaths as against 842 in 1927 and 618, the average in the last decennium. The disease was epidemic for 7 weeks from 19th March 1928.

Cholera was registered as the cause of 34 deaths as against 82 in 1927 and 1,064, the average for the preceding decennium (1918-1927).

Influenza caused 79 deaths as in 1927, as against 1,006, the mean of the last ten years (1918-1927).

The deaths from diseases of Respiratory System numbered 10,468 as against 9,949 in 1927 and 16,438, the average of the preceding decennium.

Tuberculosis accounted for 1,764 deaths as against 1,748 in 1927 and 1,807, the mean of the ten years (1918-1927).

The number of deaths from Malaria was 295 and from Ague and Remittent Fever 1,431 as against 365 and 1,633 deaths respectively from these causes in 1927. The average number of deaths for the last five years (1923-1927) from Malaria was 494 and from Ague and Remittent Fever 2,269.

The deaths among infants under one year of age numbered 7,468 as against 6,857 in 1927 and 9,830, the average for the preceding decennium (1918-1927). The rate of infant deaths per 1,000 births registered was 311 and was the lowest rate hitherto recorded in the official

statistics for the City. The next lowest figure was 316 recorded for the year 1927. The lowering of the death-rate in spite of the increase by 611 in the number of deaths is accounted for by the increase in the number of births on which the rate has been cast.

Compared with the decennial averages (1918-1927) the total number of deaths shows a decrease of 15,895, the principal decreases in the mortality being 317 under Plague, 21 under Small-pox, 125 under Measles, 1,030 under Cholera, 927 under Influenza, 6 under Enteric Fever, 132 under Malaria, 1,638 under Ague and Remittent Fever, 43 under Tuberculosis, 2,233 under Diarrhœa, Enteritis and Dysentery and 5,970 under diseases of the Respiratory System.

Area and Population.—The area of the City is 23·54 square miles. The Population at the Census of 1921 numbered 1,175,914.

The estimated population in the middle of the year 1928 was 1,298,708 and on this estimated population the birth-rates and death-rates in this Report have been calculated, *vide* Government Resolution No. 2547 of the 4th July 1922 in the General Department.

The method adopted for estimating the population was explained in the Annual Report for 1922. As there is reason to believe that the increase which occurred in the years 1911 to 1920 has not continued at the same rate, the estimate for 1927 has been retained unaltered for the year 1928 and will be employed for succeeding years until the Census figures for 1931 are available.

The estimated population in the middle of the year 1928 by sexes and sections together with the Census population of 1921 is shown in Table No. 1 and by Castes in Table No. 3 appended to this Report.

BIRTHS AND BIRTH-RATES.

Excluding 1,826 still-born children, the number of births registered during the year was 24,017 and was more by 2,332 than in 1927 and by 3,255 than the annual mean number of births registered in the ten years, 1918-1927.

The birth-rate calculated on the estimated population for 1928 was equivalent to 18·5 births per 1,000. Calculated on the Census population for 1921, the birth-rate was 20·4.

Of the children whose births were registered, 12,472 were males and 11,545 females, the proportion of males to females being 1,080 to 1,000.

The low birth-rate recorded year by year for the City is probably by no means a fair measure of the true fertility of the population. It is in part due to the custom whereby married women leave the City for their confinement and register their children in the mofussil districts where they are born.

Births by Months.—The following table shows the number of births registered in each month of 1927 and 1928 and the average of the preceding 5 years. The noteworthy feature of the table is that the number of births registered is considerably higher in the last half of the year than it is in the first; a feature repeated in the returns year after year without exceptions :—

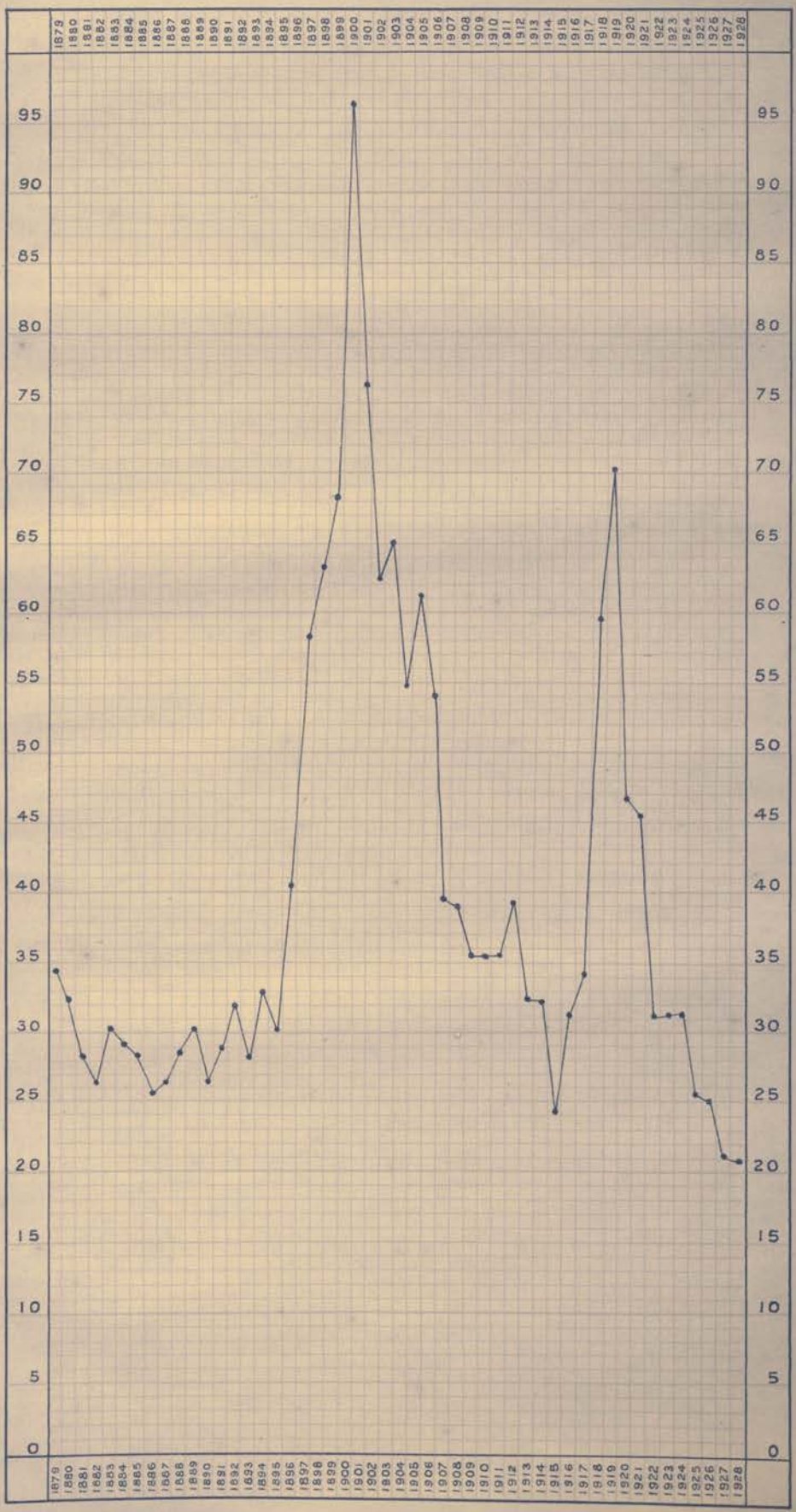
Period.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1923-1927 ..	1,913	1,645	1,563	1,495	1,538	1,441	1,603	1,752	1,862	2,101	2,138	2,120	21,171
1927	1,916	1,630	1,534	1,441	1,416	1,403	1,659	1,805	1,975	2,218	2,398	2,290	21,685
1928	2,251	2,004	1,831	1,747	1,653	1,685	1,809	1,922	2,020	2,416	2,357	2,322	24,017

A

DIAGRAM

ANNUAL DEATH RATE IN BOMBAY

1879-1928



THE TIMES OF INDIA PRESS, BOMBAY.

Birth-rate by Races.—From Table No. 3 appended to this Report, it will be seen that among the different communities inhabiting the City, Hindus Low Caste (21), Parsees (23), Jews (31), Indian Christians (28), Anglo-Indians (46) and Mussalmans (21) showed birth-rates higher than the rate for the whole population. The lowest birth-rate, namely 9·7 was recorded for Europeans as against 9·9 in 1927.

The rate of 247 recorded for Lingaits and omitted from the above figures, is evidently due to the transfer in the Census Returns of large numbers of Lingaits to some other community.

Still-Births.—The number of infants certified as still-born was 1,826 as against 1,780 in 1927 and the decennial average 1,889. Still-births are excluded in this Report from all figures relating to deaths and to births not expressly defined as still-births.

DEATHS AND DEATH-RATES.

The total number of deaths registered from all causes during the year was 27,312 being 321 less than in 1927. It was 6,353 less than the average annual mortality of 1923-1927 and 15,895 less than the average annual mortality of the preceding 10 years (1918-1927). The death-rate per 1,000 persons living was 21 and was lower than that for any year since 1872. The death-rate (like the birth-rate) is invariably high amongst the poorer classes ; and as an unduly large proportion of the population of the City belongs to the most poorly paid sections of society, the general death-rate is raised by that of the unusually large proportion of the very poor. The Census of 1921 showed that 66 per cent. of the population live in one-room tenements.

The annual death-rates during the last fifty years are indicated in diagram " A " inserted in this section of the Report, facing p. 2.

Mortality by Sex and Age.—Of the total number of 27,312 deaths in the year, 14,966 were among males and 12,346 among females. The larger number of deaths among males is due to the preponderance of males who form nearly two-thirds of the population, the actual death-rate being higher among females. Thus the male death-rate was 18 and the female death-rate 27 as in 1927.

The following table shows the proportional contribution to the total deaths of each age-group in the two sexes :—

TABLE OF PERCENTAGES TO THE TOTAL MORTALITY BY AGE-PERIOD IN 1926, 1927 AND 1928.

Age-period.	1926.		1927.		1928.					
					MALES.		FEMALES.		PERSONS.	
	Total Mortality.	Percentage.	Total Mortality.	Percentage.	Total Mortality.	Percentage.	Total Mortality.	Percentage.	Total Mortality.	Percentage.
Under 1 year ...	8,200	25·6	6,857	24·8	4,079	27·3	3,389	27·5	7,468	27·3
1 to 5 years ...	5,343	16·7	4,275	15·5	1,980	13·2	2,080	16·8	4,060	14·9
5 to 10 „ ...	934	2·9	891	3·2	371	2·5	441	3·6	812	3·0
10 to 15 „ ...	655	2·1	674	2·4	289	1·9	330	2·7	619	2·3
15 to 20 „ ...	1,058	3·3	1,033	3·8	409	2·7	530	4·3	939	3·4
20 to 30 „ ...	3,756	11·7	3,434	12·4	1,699	11·4	1,551	12·5	3,250	11·9
30 to 40 „ ...	3,522	11·0	3,083	11·2	1,938	13·0	1,164	9·4	3,102	11·4
40 to 50 „ ...	2,621	8·2	2,162	7·8	1,333	8·9	690	5·6	2,023	7·4
50 to 60 „ ...	2,007	6·3	1,871	6·8	1,217	8·1	625	5·1	1,842	6·7
60 years and upwards.	3,895	12·2	3,353	12·1	1,651	11·0	1,546	12·5	3,197	11·7
Unspecified ages ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total ...	31,991	100·0	27,633	100·0	14,966	100·0	12,346	100·0	27,312	100·0

It will be seen from the table that the percentage of deaths among infants under one year of age to the total mortality in the year under notice was higher, as in the past, than in the case of any other age-group.

CAUSES OF DEATHS.

As explained in the Annual Report for 1920, page 5, the tabulation of deaths by causes is carried out in accordance with the "Manual of the International List of Causes of Death as adapted for use in England and Wales," 1912 Edition. Table No. 11 (Appendix) includes the full list of causes of death by months. All other abstracts of the cause of death are arranged in the form of the Short List of Causes adopted by the Registrar-General for England and Wales and the Local Government Board with certain sub-divisions which were found important for tabulation purposes in the City of Bombay.

Certification of Cause of Death.—The total number of certificates of the cause of death received during the year was 8,474 against 8,520 in 1927 ; of these, 3,056 were from private qualified medical practitioners, 26 from Hakims and Vaidyas and 4,483 from the Medical Officers of various Hospitals; the cause of death in 268 cases was certified by the Commissioner of Police and in 641 cases by the Coroner of Bombay.

The percentage of certified deaths including those certified by Hakims and Vaidyas was 31.

The percentages of deaths certified to the total number of deaths in 1928 and the preceding five years are shown in the following table :—

Year.	Number of Certificates of the Cause of Death received from						Percentage of Total Certificates received to the Total Mortality.
	Medical Officers of Hospitals.	Private Medical Practitioners.	Hakims and Vaidyas.	Commissioner of Police.	Coroner of Bombay.	Total.	
1923 ..	4,459	3,883	13	616	605	9,576	25·22
1924 ..	4,556	3,553	15	545	598	9,267	23·90
1925 ..	4,128	3,066	17	444	586	8,241	25·78
1926 ..	4,317	3,341	27	421	634	8,740	27·32
1927 ..	4,196	3,375	22	315	612	8,520	30·84
1928 ..	4,483	3,056	26	268	641	8,474	31·02

The figures show a substantial increase in the number of certified deaths in the last three years.

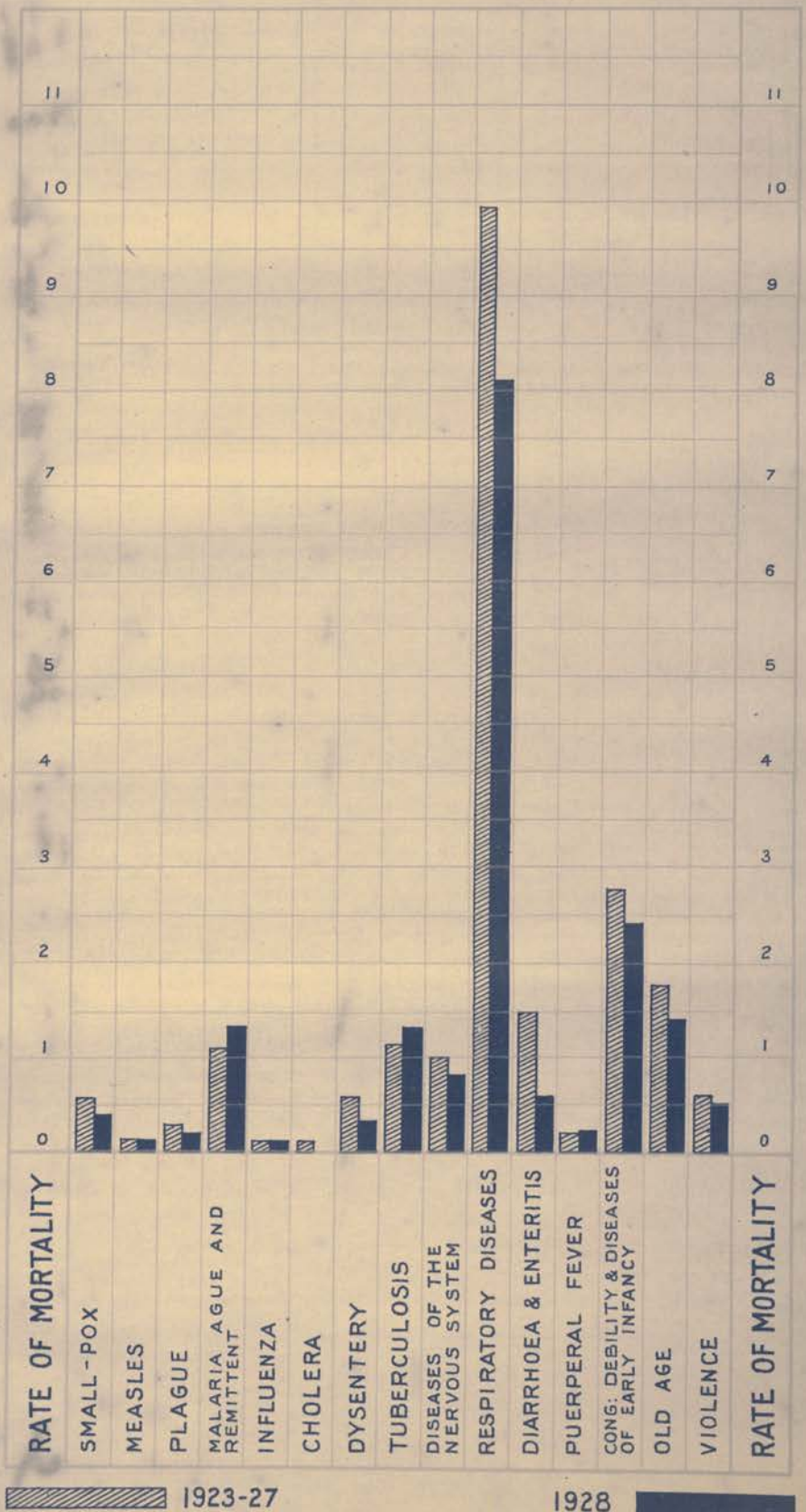
The District Registrars certified the cause of 17 deaths in persons seen during their last illness and verified the cause of death in 18,821 cases on the information gathered from the relatives of the deceased.

Copies of Certificates Issued.—During the year, 1,659 copies of certificates of registry of death, 435 copies of certificates of birth and 19 true copies of birth and death reports and medical certificates were issued. The total fees received for copies of certificates and reports, for searches of birth and death registers for various periods and for producing registers in Courts of Law amounted to Rs. 2,656 as against Rs. 2,803 in 1927.

B

DIAGRAM

DEATH RATE PER 1000 OF POPULATION FROM PRINCIPAL CAUSES IN BOMBAY IN 1928 AND THE QUINQUENNIAL AVERAGES IN 1923-27.



THE TIMES OF INDIA PRESS, BOMBAY.

TABLE OF DEATHS AND DEATH-RATES FROM EPIDEMIC DISEASES AND CERTAIN OTHER PRINCIPAL CAUSES OF DEATH IN 1928 AND 1927 WITH AVERAGES FOR THE 10 YEARS (1918-1927).

Cause of Death.	1928.		1927.		Average of years (1918 to 1927).	
	Number of Deaths.	Death-rate per 1,000 of Population.	Number of Deaths.	Death-rate per 1,000 of Population.	Number of Deaths.	Death-rate per 1,000 of Population.
Principal Epidemic Diseases.						
Small-pox	597	0·4	842	0·6	618	0·5
Measles	86	0·1	96	0·1	211	0·2
Plague	257	0·2	207	0·2	574	0·5
Enteric Fever	137	0·1	146	0·1	143	0·1
Malarial Fever	295	0·2	365	0·2	427	0·4
Ague and Remittent Fever	1,431	1·1	1,633	1·2	3,079	2·6
Relapsing Fever	...	.....	..	.....	33	0·0
Influenza	79	0·1	79	0·1	1,006	0·9
Cholera	34	0·0	82	0·1	1,064	0·9
Dysentery	372	0·3	388	0·2	1,000	0·9
Other Principal Diseases.						
Tuberculosis	1,764	1·3	1,748	1·3	1,807	1·5
Diseases of the Nervous System	1,099	0·8	1,082	0·8	1,933	1·7
„ „ Respiratory System	10,468	8·1	9,949	7·6	16,438	14·1
Diarrhoea and Enteritis	795	0·6	1,095	0·9	2,400	2·1
Puerperal State	223	0·2	194	0·1	331	0·2
Congenital Debility and Diseases of early Infancy	3,106	2·4	3,107	2·3	3,698	3·2
Old Age	1,852	1·4	1,906	1·4	2,709	2·4
Leprosy	73	0·0	84	0·1	87	0·1
Violence	655	0·5	654	0·5	812	0·7
Other Causes	3,989	3·1	3,976	3·1	4,837	4·2
Total	27,312	21·0	27,633	21·3	43,207	37·2

It will be seen from the table and diagram "B" facing p. 4 that diseases of the Respiratory System caused, as usual, a higher death-rate (8) than any other group. Congenital Debility and Diseases of early Infancy constituted the next most fatal group, giving a death-rate of 2 per 1,000 persons living. The groups coming next on the list for the year under report with a death-rate of 1·3 comprise the deaths attributed to Malaria, Ague and Remittent Fever and the deaths from Tuberculosis.

Scarlet Fever, Whooping Cough and Diphtheria have been omitted from the above short table of principal causes. Scarlet Fever has not been registered as a cause of any death during the last 10 years and the average annual number of deaths from the other two diseases is only 15.

Table No. 8 appended to the Report gives detailed information regarding deaths by months and causes.

The mortality from Plague, Small-pox, Cholera, Influenza, Tuberculosis and Fevers in 1928 is discussed on pp. 15 to 26.

The mortality rates from several diseases among different races in the City are shown in Table No. 14 (Appendix).

Mortality by Months.—The following table shows the total number of deaths registered in each month of the year. The number of monthly total deaths in 1927 is added to the table for comparison :—

TABLE SHOWING THE MONTHLY TOTAL DEATHS IN 1928 AND 1927.

Year.	Months.												Total.
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
1928 ...	2,285	2,299	2,495	2,605	2,427	1,923	2,107	2,112	2,136	2,311	2,359	2,253	27,312
1927 ...	2,353	2,322	2,625	2,400	2,272	2,005	2,343	2,548	2,156	2,191	2,187	2,231	27,633

Two rises in the mortality occurred, one in April due in part to deaths from Plague and Small-pox and one in November due largely to deaths from Malaria, Ague and Remittent Fever.

The incidence of deaths from principal causes in different months is shown in Table No. 8 appended to the Report.

Mortality by Sections.—It will be seen from Table No. 6 (Appendix), which gives total deaths and death-rates in each Section in 1928 with the quinquennial averages for 1923-1927, that rates higher than the general death-rate were recorded in Umerkhadi (29), 2nd Nagpada (28), Tardeo (27), Khara Talao (26), Mahim (26), Bhuleshwar (25), Byculla (24), Kamathipura (24), Upper Colaba (23), Sion (22), Tarwadi (22), and Esplanade (21).

The sections of Tarwadi, Upper Colaba, Esplanade and Byculla contain hospitals and would exhibit a much lower rate, but for the fact that for want of the residential addresses of many of the patients who die in these institutions, the deaths have to be referred to the sections containing the hospitals instead of to those where the patients resided before admission. Upper Colaba contains the Colaba Station (Military) Hospital; and Esplanade, St. George's, the Cama and Albless, Gokuldas Tejpal, the Parsee Lying-in and Indian Station (Military) Hospitals. The Sir Jamsetjee Jeejeebhoy, Bai Motlabai and Sir D. M. Petit and Maratha Hospitals are in Tarwadi and St. Joseph's Foundling Home, the Arthur Road Infectious Diseases Hospital, the Adams Wylie Memorial Hospital in Byculla Section. Parel contains the King Edward VII Memorial Hospital. The lowest rate 8 was returned for Fort South, and the next lowest (12) for Walkeshwar Sections as against 9 and 13 respectively in 1927.

Deaths by Occupation.—The death-rates recorded for persons following different occupations will be found in Table No. 17 in the Appendix.

For information as to the effect of occupation on the death-rate, reference should be made to the Annual Report for the year 1922 when the Census returns were comparatively recent.

INFANT MORTALITY.

The number of deaths among infants under one year of age was 7,468, being 611 more than in 1927, but 2,362 less than the annual average in the ten years 1918-1927.

The infant mortality rate expressed as the number of deaths in infants per 1,000 registered births was 311 as compared with a rate of 316 in 1927 and of 474, the annual average in the decennium (1918-1927).

Causes of Death.—It will be seen from Table No. 12 (Appendix) that 5,735 or nearly 77 per cent. of the total deaths in infants were due to diseases of the Respiratory System, Infantile Debility and Premature Birth against 76 per cent. (5,224 deaths) in 1927. Diarrhœa and Enteritis caused 268 deaths, Malaria, Ague and Remittent Fevers 104 deaths and Convulsions 654 deaths. The deaths from Small-pox and Measles numbered 127 and 23 respectively.

INFANT MORTALITY FROM PRINCIPAL CAUSES FROM 1923 TO 1928.

Cause of Death.	1923.	1924.	1925.	1926.	1927.	Average (1923 to 1927).	1928.	More or Less.
Small-pox	87	218	105	84	151	129	**127**	— 2
Measles	27	56	45	38	32	40	**23**	— 17
Malarial Fever	19	17	23	32	21	22	**13**	— 9
Ague and Remittent Fever and Fever not defined.	131	122	103	143	130	126	**143**	+ 17
Diarrhœa and Enteritis	662	674	480	491	333	528	**268**	— 260
Dysentery	47	58	34	39	31	42	**28**	— 14
Infantile Debility and Malformation including Premature Birth.	3,767	3,953	3,129	3,703	3,106	3,532	**3,105**	— 427
Diseases of the Respiratory System.	2,388	2,685	2,178	2,644	2,118	2,403	**2,630**	+ 227
Convulsions	1,106	1,016	827	670	588	841	**654**	— 187
All Causes	8,632	9,156	7,212	8,200	6,857	8,011	**7,468**	— 543

Quinquennial Averages.—Compared with the averages of the preceding five years, the total number of deaths was less by 543, the principal decreases in the mortality being 2 under Small-pox, 17 under Measles, 9 under Malaria, 260 under Diarrhœa and Enteritis, 14 under Dysentery, 427 under Infantile Debility and Premature Birth and 187 under Convulsions. On the other hand increases were registered under Remittent Fever and Fever not defined (17) and Diseases of the Respiratory System (227).

Age at Death.—The following table classifies the infantile deaths from principal causes in 1928 under the age groups, under 7 days, 1—4 weeks, 1—6 months and 6—12 months :—

TABLE OF DEATHS AMONG INFANTS FROM PRINCIPAL CAUSES BY AGE-PERIODS IN 1928.

Age-Period.	Small-pox.	Measles.	Malarial Fever.	Ague and Remitent Fever and Fever not defined.	Diarrhœa and Enteritis.	Dysentery.	Infantile Debility & Malformation including Premature Birth.	Diseases of the Respiratory System.	Convulsions.	All Causes.	Percentage of deaths in each age-period to total deaths under 1 year of age.
Under 7 days ...	...	...	...	4	2	...	1,482	4	78	1,636	21·9
1 to 4 weeks	1	...	1	6	18	2	878	18	65	1,019	13·6
Total under 4 weeks	1	...	1	10	20	2	2,360	22	143	2,655	35·5
4 weeks to 6 months ...	42	6	5	50	109	9	600	881	307	2,134	28·6
6 to 12 months ...	84	17	7	83	139	17	145	1,727	204	2,679	35·9
Total ...	127	23	13	143	268	28	3,105	2,630	654	7,468	100·0

Of the total deaths among infants, 1,636 or 22 per cent. took place in the first week of life and 1,019 or 14 per cent. in the age-period 1 to 4 weeks.

The mortality among infants who had not completed the first month of life was thus 2,655 or 36 per cent. of the total infant deaths. The number of deaths in the age-groups 4 weeks to 6 months and 6 to 12 months was 2,134 and 2,679, being respectively 29 and 36 per cent. of the total infant mortality.

TABLE OF PERCENTAGES OF INFANT DEATHS FROM PRINCIPAL CAUSES AT SEVERAL AGE-PERIODS IN 1928.

Age-Period.	Small-pox.	Measles.	Malarial Fever.	Ague and Remittent Fever and Fever not defined.	Diarrhœa and Enteritis.	Dysentery.	Infantile Debility & malformation including premature birth.	Diseases of the Respiratory System.	Convulsions.	Other Causes.	All Causes.
Under 7 days ...	...	...	...	0·2	0·1	...	90·6	0·2	4·8	4·1	100·0
1 to 4 weeks ...	0·1	...	0·1	0·5	1·8	0·2	86·2	1·8	6·4	2·9	100·0
4 weeks to 6 months	2·0	0·3	0·3	2·3	5·1	0·4	28·1	41·2	14·4	5·9	100·0
6 to 12 months ...	3·1	0·6	0·3	3·1	5·2	0·6	5·4	64·5	7·6	9·6	100·0
Total ...	1·7	0·3	0·2	1·9	3·6	0·4	41·6	35·2	8·7	6·4	100·0

The salient features of the above table are the magnitude of the role played by debility and prematurity in the causation of death in the first 4 weeks of life and the large proportion of deaths from Respiratory diseases during the remaining 11 months of infancy.

Infant Mortality by Months.—The subjoined table shows the number of deaths among infants in each month of the year. For comparison the monthly total number of deaths at ages of 1 year and upwards is also inserted.

AGE-PERIOD.	NUMBER OF DEATHS.												
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Under 1 year ..	560	557	558	613	659	551	690	668	614	716	656	626	7,468
1 year and upwards	1,725	1,742	1,937	1,992	1,768	1,372	1,417	1,444	1,522	1,595	1,703	1,627	19,844

Table No. 12 appended to the Report shows the number of deaths among infants under one year of age by causes in detail and by months.

Infant Mortality by Races.—The following table gives the death-rate among infants of different Nationalities and Castes :—

INFANT MORTALITY BY CASTE AND INFANTILE DEATH-RATE PER 1,000 OF BIRTHS REGISTERED IN EACH CASTE IN 1928.

RACE OR CASTE.	Deaths under 1 Year.	Number of Births Registered.	Infant Mortality per 1,000 of Births Registered.
Hindus, Low Caste	1,332	4,005	332
Hindus, all other Castes	4,127	12,613	327
Mussalmans (including Negro-Africans)	1,317	4,017	328
Parsees	137	1,227	112
Jews	28	254	110
Indian Christians	456	1,476	309
Anglo-Indians	31	234	132
Europeans	10	160	62
Buddhists	5	24	208
Other and Unknown Castes...	25	7	.....
Total ...	7,468	24,017	311

The high rates recorded suggest the presence in Bombay of some adverse factor in addition to the poverty and ignorance which are chiefly responsible for high rates in western countries. The added factor affecting all classes is probably Malaria; another factor which can hardly fail to enhance the infant mortality among the more ignorant portions of the population is the practice of soothing babies by the administration of opium.

Syphilis contributes to the death roll but whether to a greater extent than in other cities it is not possible to say when an overwhelming majority of the total deaths under one year are not certified by medical practitioners.

Infant Mortality by Sections.—The death-rates among infants under one year of age in the several Sections of the City will be found in the last column of Table No. 2 appended.

INFANT MORTALITY BY THE NUMBER OF ROOMS OCCUPIED IN 1928.

Number of Rooms.	Births.		Deaths n Infants.		Infant mortality per 1,000 births registered.	
	Number.	Percentage.	Number.	Percentage.	1928.	1927.
1 Room and under ..	13,959	58·1	6,189	82·9	443	490
2 Rooms	1,055	4·4	375	5·0	355	203
3 Rooms	331	1·4	74	1·0	223	222
4 or more rooms ..	166	0·7	29	0·4	175	195
Hospitals	8,502	35·4	783	10·5	72	88
Homeless and not recorded	4	..	18	0·2	..	..
Total ..	24,017	100·0	7,468	100·0	311	316

The percentage of population occupying tenements of one room and under to the total number of occupants in all classes of tenements in the City by the Census of 1921 was 66. Of the 24,017 births registered in the year, 13,959 or 58 per cent. occurred in families living alone in a single room or sharing it with others, and the number of deaths in infants in this class of population was 6,189 or 83 per cent. of the total infant mortality.

It will be observed from the statement that the rate of deaths among infants in single room tenements per 1,000 births in such tenements during the year was 443 against 490 in 1927, and that the proportion of deaths to births varies inversely as the number of rooms occupied by the parents.

Prevention of Infantile Mortality.

The work which is being done in Bombay for the reduction of infant mortality may be described under the following heads :—

(*i*) Visits by the Municipal District Nurses for the purpose of getting into touch with prospective mothers and for discovering cases of sickness especially among women and children and unvaccinated children ; for inquiry into the condition of new-born infants ; and for giving instruction by homely talks as to the care and rearing of children.

(*ii*) Attendance on confinements.

(*iii*) Provision of necessaries and comforts during the lying-in period.

(*iv*) Maternity Homes.

(*v*) Infant Milk Depots.

(*vi*) Infant Welfare Centres.

Municipal Nurses.—The number of Municipal Nurses employed is ten, one being attached to each of the ten District Registrars' Offices. They are all qualified midwives and visit daily the localities and the chawls inhabited by the poor and help to diffuse and popularise elementary knowledge of the principles of health and hygiene and to carry such knowledge into the homes and lives of the ignorant ; they give advice on the prevention of diseases and the care and up-bringing of infants and bring to the notice of the authorities unregistered births, unvaccinated children and cases of sickness ; they also persuade prospective mothers to go to the Maternity Homes provided for them free. Where this provision is not taken advantage of, they attend on the women in their own houses providing them with bedding for their confinement, and with food in the shape of milk and bread during the first days of the puerperal period. The visits of the Nurses are frequently the means of bringing to the Municipal Dispensaries sick persons who would otherwise either not know of the existence of the facilities provided or knowing would, through indifference and stupidity, neglect to benefit by them. These visits are doing much good and are welcomed and appreciated by those for whose benefit they are paid.

Summary of Work.—During the year the Municipal Nurses paid 41,461 visits to houses, chawls and huts (against 37,397 in 1927), inquired into 2,801 cases of ordinary sickness, and reported 172 cases of infectious diseases and 441 deaths in the female population of the City. They also attended on 1,370 confinements (against 1,330 in 1927) and verified the reports of the Birth Karkuns on 5,115 births.

The following table summarises the information obtained by the Nurses in attendance on confinements and in visits to infants and young children :—

SUMMARY OF INQUIRIES AND OF WORK OF MUNICIPAL NURSES AND MIDWIVES, 1923-1928.

	1923	1924.	1925.	1926.	1927.	1928.
Total number of births (including still-born) registered	22,937	23,659	21,984	22,744	23,465	**25,843**
Percentage of still-births to the total number of births registered	8·4	7·7	7·8	7·3	7·5	**7·1**
Number verified by the Nurses	14,517	12,601	9,961	9,699	9,831	**10,813**
Percentage of the number verified to the total ...	63·1	53·3	45·3	42·6	41·9	**41·8**
Percentage of the confinements unattended	5·7	6·5	5·8	6·5	5·8	**5·2**
Percentage of the confinements attended by unskilled women	51·7	50·9	44·1	37·4	38·2	**34·1**
Percentage of the confinements attended by qualified Nurses (other than Municipal)	7·8	7·2	8·8	10·8	9·4	**9·2**
Percentage of the confinements attended by Municipal Nurses	13·3	14·6	14·6	14·4	13·5	**12·7**
Percentage of children born in Hospitals	21·5	20·8	26·7	30·9	33·1	**38·8**
Percentage of children born in healthy condition ...	63·9	69·2	71·5	65·9	67·8	**69·5**
Percentage of children fed on breast	64·2	73·7	71·9	68·0	73·3	**72·3**
Percentage of children dying within 30 days	14·1	12·3	13·9	12·3	12·0	**10·4**
Percentage of the cases where the mothers leaving home for work	28·8	33·5	30·4	35·0	32·8	**31·2**

It will be seen from the foregoing table that of the total number of 25,843 births (including 1,826 still-births) registered in the City during the year, 10,813 or 42 per cent. were verified by the Municipal Nurses as in 1927 as against 43 per cent. in 1926.

Among the cases wherein enquiries were made, the proportion of births wholly unattended was 5 per cent. and that of confinements attended by unskilled women 34 as against 6 and 38 respectively in 1927.

The percentage of confinements attended by qualified midwives (other than Municipal) was 9 as in 1927 and that of confinements attended by Municipal midwives was 13 as in the preceding year; the percentage of children born in Hospitals showed an increase from 33 to 39 per cent.

The percentage of children born in healthy condition was 69 as against 68 in the previous year and that of children fed on breast was 72 as against 73 in 1927.

The proportion of children dying within 30 days of birth was 10 per cent. as against 12 in 1927.

The percentage of mothers who left home for work leaving their children to the care of others was 31 as against 33 in the previous year.

Relief to poor women during confinement in the shape of necessaries and comforts such as milk, bread, bed, blankets, charpoys and linen was continued during the year and dispensed in 362 cases against 333 in 1927 and 297 in 1926.

Municipal Maternity Homes.—The number of women admitted to the four Municipal Maternity Homes and the number of beds in each home was as follows :—

	Number of Cases.		No. of Beds.
	1927.	1928.	
Bellasis Road Home	838	1,035	40
Victoria Cross Road Home..	640	892	51
Imamwada Home	711	735	18
Worli Home*	..	188	16
Total ..	2,189	2,850	125

* Opened on 3rd May 1928.

Thus the total number of women admitted to the four Municipal Maternity Homes during the year was 2,850 as against 2,189 in 1927. The number of cases confined in the Homes was 2,597 as against 2,005 in 1927. Of the women confined, 664 were primiparæ.

Infant Milk Depots.—Two Infant Milk Depots were established, one at the Bellasis Road and the other at the Victoria Road Maternity Home for distributing daily pure milk free or at a nominal price, for the benefit of children born in the Homes or under the supervision of the Municipal Nurses. 12,880 seers were distributed at these depots upto 6th August 1928, after which date they were closed in accordance with Corporation Resolution No. 3447 of 18th August 1928. The supply of milk for infants and mothers was discontinued on the grounds that their needs are met by Centres of the Infant Welfare Society where 1,42,500 seers were distributed in 1928.

Voluntary Welfare Centres.—The Maternity and Child Welfare Scheme of the Infant Welfare Society has made much progress. At the end of the year the centres established numbered nine. The Society provides through them (1) advice and instruction to mothers as to infant management, (2) medical aid to infants and (3) a staff of trained nurses for visiting the homes of infants. Each centre is in charge of a Supervisor who is a trained nurse and a midwife. She supervises the milk distribution and assists the Lady Doctor in charge in attending on babies and advising mothers on infant management. There is also a Health Visitor, who is a trained nurse midwife attached to each Centre. She visits the babies in the district and persuades their mothers to take advantage of the Infant Welfare Scheme.

During the year, 3,738 seers of milk were given free, 25,774 seers were sold at 1 anna a seer and 79,748 seers at 2 annas a seer. The number of new admissions at the nine centres was 5,002 and that of attendances for milk, medicine, treatment and advice 3,56,517.

The number of confinements attended by the Midwives of the Society was 1,040.

A crêche is attached to the DeLisle Road Centre and now contains 40 children.

METEOROLOGY OF 1928.

Table No. 22 appended to the Report gives the Meteorological data of 1928.

Rainfall.—The total rainfall recorded at the Colaba Government Observatory during 1928 was 85·63 against 74·38 in 1927 and 72·64 in 1926 and was 15·09 inches above the normal (70·54). Rain fell on 74 days during the year against 87 days in 1927 and 82 days in 1926.

The maximum monthly rainfall was 30·93 inches in July against 32·52 inches in June 1927.

EPIDEMIC AND OTHER DISEASES.

EPIDEMIC AND OTHER DISEASES.

Notification of Infectious Diseases.—The total number of cases of infectious disease registered during the year was 3,538. Under Section 421 of the Municipal Act, 506 were notified by Medical practitioners, as against 608 in 1927. Six cases were notified by Hakims and Vaidyas, who are not required by law to notify. 3,026 cases or 85 per cent. of the total number were reported by the District Registrars.

Since fees are not paid to the Municipal Registrars for the cases they report and since such cases are not certified on the official form of certificate, they are not included in the number of cases notified under Section 421 of the Act.

The diseases to which the notifications received related are set out by Sections in Table No. 4 (Appendix).

Year.	Number of Notifications received from			Reported by Municipal Registrars.	Percentage of total Notifications to total number of Cases Registered.
	Medical Practitioners.	Hakims and Vaidyas.	Total.		
1924	770	2	772	3,753	17·0
1925	524	...	524	2,267	18·8
1926	388	...	388	2,580	13·1
1927	608	3	611	3,330	15·5
1928	506	6	512	3,026	14·1

Plague.—Plague did not assume epidemic proportions at any time during the year. The number of Plague attacks was 296 against 223 in 1927. The disease caused 257 deaths in the year against 207 in 1927 and 574, the average for 1918-1927. The mortality among reported cases was 87 per cent. as against 93 in the previous year.

The death-rate from Plague during the year was 0·2.

The distribution of deaths among different castes during the year is shown in Table No. 13 and the death-rate in Table No. 14 (Appendix).

Plague Measures.—The usual preventive and precautionary measures, namely, (i) Inoculation, (ii) Rat Destruction, (iii) Evacuation and (iv) Disinfection were continued during the year.

(i) Inoculation :—

During the year, 643 inoculations against Plague were performed at the Haffkine Institute and 1,809 by the Municipal Medical Inspectors.

(ii) Rat Destruction :—

The total number of rats collected and destroyed during the year was 623,995 against 592,936 in 1927. It will be seen from the following statement that of the 623,995 rats

collected and sent to the Parel Laboratory, 276,478 were examined and 2,222 were found infected, giving a ratio of 0·80 infected rats per 100 rats examined as compared with a ratio of 0·54 in 1927 :—

STATEMENT SHOWING THE NUMBER OF RATS SENT TO THE PAREL LABORATORY, THE NUMBER EXAMINED AND THE NUMBER FOUND INFECTED IN 1928.

Months.	Number of Rats sent to the Parel Laboratory.	Number of Rats Examined. Total.	Number of Rats found Infected.	Ratio per cent.
January	54,277	25,300	220	0·86
February	51,063	26,256	313	1·19
March	54,941	23,005	451	1·96
April	52,081	22,501	511	2·27
May	48,706	21,737	340	1·56
June	45,618	20,739	124	0·59
July	47,339	22,565	63	0·27
August	47,702	21,565	39	0·18
September	49,525	19,183	48	0·25
October	61,800	25,878	55	0·21
November	55,018	23,354	33	0·14
December	55,925	24,395	25	0·10
Total ...	623,995	276,478	2,222	0·80

The percentage of infected rats rose from 0·86 in January to 2·27 in April and then declined gradually to 0·10 in December.

(iii) Evacuation : —

For the reception of contacts from infected dwellings, semi-permanent Health Camps at Koli Lane (Colaba), Suklaji Street, Tardeo, Arthur Road, Chinchpoogli (at the junction of DeLisle Road and Arthur Road) and Mahim Station were maintained.

(iv) Disinfection :—

For the destruction of fleas, all rooms in which cases of Plague either in rats or in man had occurred were disinfested with Pesterine. Infested bedding is disinfected by steam.

Small-pox.—Small-pox was prevalent in the City throughout the year and caused 597 deaths against 842 in 1927 and 618, the average for the preceding ten years (1918-1927). The number of attacks from Small-pox registered during the year was 1,020 (including 18 imported cases) against 1,407 attacks in 1927.

The death-rate from Small-pox during the year was 0·4 as against 0·6 in 1927 and 0·5, the average during the preceding decennium.

As usual, the death-rate from Small-pox attained its maximum between March and May and fell to a low figure in the subsequent months of the year, *vide* Table 8 (Appendix).

One hundred and twenty-seven deaths from Small-pox occurred in children under one year of age and 183 in children aged 1—5 years. Of the total deaths, 310 or 52 per cent. thus occurred in the first five years of life against 46 per cent. in 1927.

The highest number of deaths from Small-pox (77) was recorded in Byculla Section.

Vaccination.—There are 20 Vaccination Stations in the City. Three stations are open in the morning on every Monday, Wednesday, Friday and Saturday and two on every morning during the rest of the week. The station at Princess Street is open every Sunday and Wednesday morning and when Small-pox is prevalent in the City, during the afternoon hours on working days.

The total number of primary vaccinations and of re-vaccinations performed during the year was 20,625 and 15,018 respectively as against 20,374 and 29,196 in 1927. Further particulars are shown in the report of the Superintendent of Vaccination and in Tables Nos. 18, 19 and 20 appended to this Report.

The proportion of primary vaccinations (14,571) in children under one year of age to the total number of births (24,017) registered during the year was 61 per cent.

Of the 127 infants under one year of age who died of Small-pox during the year, 120 were not vaccinated and 3 were vaccinated during the incubation period. In the remaining 4 cases, the vaccinal condition was not ascertained.

Cholera.—There were 48 attacks and 34 deaths from Cholera during the year as against 151 attacks and 82 deaths in 1927.

Influenza.—The number of deaths registered as due to Influenza during the year was 79 and was 927 less than the average of the last ten years (1918-1927).

Tuberculosis.—The number of deaths from Tuberculosis was 1,764 and the death-rate 1·35 per 1,000 of the population. Of these, 1,565 were due to Phthisis (Pulmonary Tuberculosis) and 199 to other Tuberculous Diseases. The annual death-rates in previous years from Tuberculosis have been as follows :—

Period.	Annual Death-rate from Tuberculosis.		
	Pulmonary.	Other Forms.	All Forms.
1918-1927	1·4	0·2	1·6
1923-1927	1·1	0·1	1·2
1927	1·2	0·1	1·3
1928	1·2	0·1	1·3

There were 901 deaths among males and 863 among females. The disease caused a greater number of deaths among persons in the age-group of 20 to 40 years than in any other age period, *vide* Table No. 16 (Appendix).

The monthly variation in the number of deaths in each Section together with the death-rate from Tuberculosis is set out in Table No. 8 and the death-rate among different castes in Table No. 14 (Appendix).

The Anti-Tuberculosis Measures.

There are two dispensaries for Out-patients suffering from Tuberculosis—one at the Sanitary Institute, Princess Street, and the other in Foras Road and the "Turner Sanatorium" containing 32 beds for In-patients on Bhoiwada Hill, Parel.

Each dispensary is in charge of a Medical Officer and three nurses are employed for visiting the patients who attend, reporting on their home conditions and seeing that they follow in their homes the advice which they receive. Of the three nurses, two are employed at Princess Street and one at Foras Road.

During the year under report the total number of Tuberculous patients treated at the two Dispensaries was 1,828; the number treated in 1927 was 1,406.

The sex and religion of the patients treated was as follows :—

Religion.	Males.	Females.	Total.
Hindus	438	298	736
Mussalmans	311	396	707
Parsees	49	54	103
Christians	146	92	238
Jews	20	24	44
Total ..	964	864	1,828

Of the 1,828 cases, 1,606 were cases of Pulmonary Tuberculosis and 222 cases of Surgical Tuberculosis. The total attendances numbered 15,284.

The Medical Officers and Nurses paid 2,251 domiciliary visits to see patients too ill to attend the Dispensary.

Turner Sanatorium.

In the Turner Municipal Sanatorium at Bhoiwada, 32 beds, 18 for males and 14 for females, are provided for patients in the early stages of consumption. The use made of the Sanatorium and the results obtained are shown in the following tabular statements :—

Number remaining over from previous year	27
Number of new admissions	121
Number discharged	124
Number died	4
Number remaining at the end of the year	20

Stage of the Disease on Admission.	*Males.*	*Females.*
Stage I (Early)	41	17
Stage II (Moderately advanced)	27	14
Stage III (Advanced)	12	10
Total ..	80	41

Results in 128 Cases Discharged.

(This figure includes 4 Deaths).

		Improved.	Not Improved.	Died.	Total.
Stage I		56	9	Nil.	65
Stage II		22	19	Nil.	41
Stage III		Nil.	18	4	22
	Total ...	78	46	4	128
Stage I	T. B. + 35	5	Nil.	40
	T. B. — 21	4	Nil.	25
	Total ...	56	9	Nil.	65
Stage II	T. B. + 15	13	Nil.	28
	T. B. — 7	6	Nil.	13
	Total ...	22	19	Nil.	41
Stage III	T. B. + Nil.	17	4	21
	T. B. — Nil.	1	Nil.	1
	Total ...	Nil.	18	4	22

Weight on Discharge.

Increased	79
Decreased	25
Stationary	20

Of those under treatment during the year, 52 were Hindus, 28 Mahomedans, 4 Parsees and 64 Christians.

At Princess Street, the headquarters of the Anti-Tuberculosis organization there is a Tuberculosis Museum of exhibits open to the public for their instruction and a stock of literature which is supplied to visitors and also distributed by the nurses on their visits to the patients under treatment at the dispensaries.

Malaria

Malaria was registered as the cause of 295 deaths. 1,431 deaths were registered as due to Ague and Remittent Fevers. Under the last two heads a number of deaths are no doubt included which were due not to Malaria but to one or other of the various diseases such as Typhoid, Tuberculosis and Influenza in which fever may be a prominent symptom.

Average number of Deaths.—The numbers of deaths from Malaria and from Ague and Remittent fever in 1928 were 295 and 1,431 and the annual averages in the ten years 1918 to 1927 as shown in Table No. 10 were 427 and 3,079 respectively.

Out of the total number of deaths due to Malaria—

71 were certified by Medical Practitioners,

58 were certified by Hospitals,

21 road-side cases were certified by the Police, and

145 were verified by the Staff after making inquiries from the relatives.

Malaria in Military Hospitals.—The following table shows the number of cases admitted and the number of deaths in the different Military Hospitals in the City during the last five years:—

	1924.	1925.	1926.	1927.	1928.
Attacks ...	481	390	361	182	187
Deaths ...	3	...	...	...	...

Anti-Malarial Measures.—Measures for gauging the incidence of Malaria were continued during the year.

The inspection of houses and the destruction of larvæ were carried on on a systematic plan. The sections of the wards were further sub-divided and each Overseer was given an area which he could cover within a week. The breeding places detected were immediately dealt with. Minor structural and other defects likely to result in the breeding of mosquitoes were remedied by the staff and action was taken against owners only when the works required were extensive and costly.

The following table shows the work of inspection done by the staff during the year :—

Ward.	No. of houses.		No. of containers holding water.	
	Inspected.	Breeding.	Inspected.	Breeding.
A	73,859	1,833	311,636	2,819
B	131,809	2,637	304,678	4,268
C	210,528	2,207	353,277	2,635
D	169,895	7,835	589,732	10,022
E	170,293	4,554	363,446	8,880
F	78,066	3,559	128,813	29,391
G	64,876	4,040	280,320	8,201
Total ..	899,326	26,665	2,331,902	66,216

Note—In the above table, the breeding recorded includes the breeding of Stegomyia, Culex and Anopheles.

Statement showing month by month the total No. of wells, cisterns, etc., which were found breeding anopheles mosquitoes during the year 1928.

Breeding noticed in	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Open wells ...	87	63	55	78	130	75	57	124	53	150	161	62	1,085
Cisterns	73	58	52	66	71	80	44	28	38	53	40	44	647
Fountains, masonry tanks, masonry kundies, ghanies, mill tanks.	177	125	120	160	212	136	123	104	68	118	73	53	1,469
Tubs	52	37	34	45	103	86	92	58	45	51	11	8	622
Gully Traps and storm water entrances.	9	4	5	6	9	8	13	18	12	14	6	9	113
Tins	12	11	8	7	4	41	38	30	22	6	2	..	181
Pools, low-lands, cellars, etc.	53	49	43	68	107	157	365	285	164	222	143	44	1,700

Statement showing by wards the total No. of wells, cisterns, etc., which were found breeding anopheles mosquitoes during the year 1928.

Breeding noticed in	Wards.							Total.
	A	B	C	D	E	F	G	
Open wells	57	5	40	17	115	195	656	1,085
Cisterns ... ... -	28	76	25	149	199	62	98	647
Fountains, masonry tanks, masonry kundies, ghanies, mill tanks.	19	19	56	816	239	202	118	1,469
Tubs	5	20	42	181	163	93	118	622
Gully traps and storm-water entrances	3	5	...	41	19	3	42	113
Tins	1	4	5	25	89	7	50	181
Pools, low-lands, cellars, etc.	29	17	11	246	709	106	591	1,709

Spleen Rate.—This year the Malaria staff was engaged with Major Covell in taking the spleen census of the City and it was not considered necessary to examine the children again. Results of Major Covell's examination are given on pages 103 and 104 of his report.

The Medical Inspectors appointed by the Schools Committee carried out spleen examinations among the children attending the Municipal Schools. The results are shown in the following table :—

Ward.	Sections.	No. of pupils examined.	No. of pupils found with enlarged spleen.	Percentage.
A	Upper Colaba	181	9	4·9
	Middle and Lower Colaba			
	Fort, South	....	....	....
	Fort, North	163	8	4·9
	Esplanade	99	8	8·1
B	Mandvi	617	56	9·1
	Chuckla	334	22	6·5
	Umarkhadi	575	38	6·6
	Dongri	414	82	19·8
C	Market	1,088	60	5·5
	Dhobi Talao	443	23	5·1
	Fanaswadi	673	31	4·6
	Bhuleshwar	787	38	4·8
	Khara Talao	308	30	9·7
	Kumbharwada	754	50	6·6
D	Khetwadi	441	8	1·8
	Girgaum	1,092	23	2·1
	Chowpati	221	10	4·5
	Walkeshwar	156	2	1·2
	Mahalakshmi	102	2	1·9
E	Mazagon	822	46	5·6
	Tarwadi	286	11	3·8
	Second Nagpada	364	15	4·1
	Kamathipura	476	38	7·9
	Tardeo	562	35	6·2
	Byculla	1,240	63	5·1
	First Nagpada	....	....	....
F	Parel	1,207	186	15·4
	Sewri	443	20	4·5
	Sion	960	51	5·3
G	Mahim	1,035	24	2·3
	Worli	474	29	6·1
	Total ..	16,317	1,018	6·2

A Cosmopolitan school conducted by a Parsee Head Master in Esplanade Section engaged its own medical man to examine the students attending the school. The results of the spleen examinations furnished by the Head Master are shown in the following table :—

Castes.	Number of Students examined.	Number having enlarged spleen.	Percentage.
Hindus	999	11	1·1
Mussalmans	507	7	1·3
Parsis	1,088	26	2·4
Total	2,594	44	1·6

Parasite Rate.—The following table shows the parasite rate in Sections where random blood samples were taken by the Malaria Inspectors:—

Sections.	No. of slides examined.	No. in which parasites were found.	Percentage.
Upper, Middle and Lower Colaba	200	31	15·5
Fort, North	86	2	2·3
Esplanade	193	4	2·1
Mandvi	80	5	6·2
Umerkhadi	80	4	5·0
Dongri	80	23	28·7
Mazagon..	100	8	8·0
Tarwadi	160	45	28·1
Second Nagpada and First Nagpada	100	7	7·0
Kamathipura	100	5	5·0
Tardeo	100	26	26·0
Byculla	100	23	23·0
Mahim and Worli	375	114	30·4

Blood Slides.—In addition to random sampling, the District Registrars were requested to take blood specimens of patients attending the Municipal Dispensaries for fevers. In all 648 slides were received and examined by the Municipal Analyst. Out of these, 175 showed Malaria parasites giving a percentage of 27, the highest being from the Parbhadevi Road Dispensary. The positive blood films examined, showed parasites of the Benign Tertian Type.

Municipal Dispensaries.—The number of cases of Malaria treated month by month at the Municipal Dispensaries during 1928 was:—

Jan.	Feb.	Mar.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Total.
1,019	772	702	769	848	708	1,119	1,593	2,331	3,172	2,365	1,520	16,918

Incidence on Troops.—From the statistics received from the British Military Hospital, Colaba, it is noted that the ratio of admissions per 1,000 of strength for Malaria amongst the British Troops in 1928 was 129. The following table compares this ratio with that of the previous years:—

RATIO OF ADMISSIONS PER 1,000 OF STRENGTH FOR MALARIA AMONGST BRITISH TROOPS IN BOMBAY.

Before the commencement of reclamation anti-malarial operations.		After the commencement of reclamation anti-malarial operations.	
Year.	*Ratio.*	*Year.*	*Ratio.*
1921	972	1923	153
1922	387	1924	238
		1925	165
		1926	180
		1927	150
		1928	129

These figures do not show any increase in the incidence of Malaria on the troops stationed in Colaba as a result of the reclamation of Back Bay.

Deaths in Institutions.—The following table shows the number of cases of Malaria and of deaths in different institutions in the City during the year 1928 :—

Names of the Institutions.	*Admissions.*	*Deaths.*
Colaba British Station Hospital ..	81	..
Marine Lines Indian Station Hospital ..	106	..
St. George's Hospital	522	2
Goculdas Tejpal Hospital	2,244	17
Cama and Albless Hospitals	105	..
Sir J. J. Hospital	4,462	12
Sir D. M. Petit and Motlibai Hospital..	752	5
Northcote Police Hospital	1,434	1
G. I. P. Ry. Infirmary	2,442	..
Dr. Masina's Hospital	346	3
Adam's Wylie Hospital	153	3
Yamunabai Nair Hospital	83	..
Arthur Road Hospital	3	..
Maratha Plague Hospital	56	..
Bomanji Dinshaw Parsee General Hospital	50	1
Sir Harkisondas Narottamdas Hospital	12	..
King Edward Memorial Hospital ..	5,434	7
Total ..	18,285	51

At the request of the Standing Committee information is obtained monthly by printed post cards from Medical Practitioners as to the number of cases of Malaria treated by them during the month. The response is irregular but the total number thus notified in the year amounted to 63,857. The numbers notified from the several sources summarised are :—

Source of Information.	*No. of cases.*
Municipal Dispensaries	16,918
Hospitals	18,285
Private Medical Practitioners	63,857
Total ..	99,060

The significance of these figures cannot be said to be in any way exact. The same patient may be returned by different practitioners or institutions and in the absence of control over many of the sources of information, it is safe to assume that some proportion of the total is made up of attendances for medicine by the same patient and not of separate and new cases.

Nevertheless the returns do afford a numerical indication of the fact that Malaria is widely prevalent in the City.

Wells.—The following table shows the number of wells by wards and sections filled in, protected and examined for larvæ during the year 1928 :—

Ward.	Sections.	Total in the locality.	Dealt with.			Wells Examined.			Examination for Larvæ.	
			Filled in.	Covered.		Total.	Larvæ found.	Larvæ not found. *	Total	Positive.
				Completely.	With trap door.					
A	Upper Colaba ...	34	...	8	...	34	4	30	770	7
	Middle and Lower Colaba.									
	Fort, South ...	20	...	...	...	20	...	20	350	...
	Fort, North ...	334	9	33	...	334	56	278	7,000	178
	Esplanade	52	...	4	...	52	1	51	1,134	3
B	Mandvi ...	51	...	...	...	51	3	48	2,208	12
	Chuckla	36	1	...	...	36	4	32	912	16
	Umarkhadi ...	21	1	...	...	21	1	20	624	3
	Dongri	5	1	...	...	5	3	2	240	15
C	Market	199	4	5	...	199	11	188	8,809	186
	Dhobi Talao	313	7	6	...	313	43	270	13,138	390
	Fanaswadi	206	1	3	...	206	15	191	9,345	104
	Bhuleshwar	128	3	2	...	128	11	117	6,144	100
	Khara Talao	1	...	1	...	1	..	1	...	...
	Kumbharwada ...	25	2	1	...	25	3	22	1,105	37
D	Khetwadi	145	1	7	...	145	22	123	6,484	167
	Girgaum	235	6	13	...	235	32	203	10,729	140
	Chowpati	71	3	3	...	71	12	59	3,351	59
	Walkeshwar	93	3	6	...	93	11	82	4,140	53
	Mahalakshmi... ...	95	2	6	...	95	18	77	4,132	44
E	Mazagon	61	1	...	...	61	6	55	1,564	37
	Tarwadi	63	1	14	...	63	11	52	1,981	35
	2nd Nagpada... ...	3	2	...	...	3	...	3	76	...
	Kamathipura ...	4	...	...	...	4	1	3	84	...
	Tardeo	23	...	...	...	23	11	12	742	29
	Byculla	26	1	6	...	26	3	23	924	13
	1st Nagpada ...	2	...	...	...	2	...	2	45	...
F	Parel	66	2	16	...	66	13	53	738	118
	Sewri	36	3	4	...	36	20	16	478	195
	Sion	118	9	13	...	118	39	79	1,195	273
G	Mahim	356	43	3	2	356	289	67	11,859	1,307
	Worli	248	22	3	3	248	207	41	7,194	504
	Total ...	3,070	128	157	5	3,070	850	2,220	107,495	4,025

* *Note.*—The failure to recover larvæ in a ring-net from a well, must not be taken as evidence that larvæ were not present.

The total number of wells in the City should have been 3,026 according to the last year's report. 44 wells were however discovered during the year. A few of these were new wells sunk without permission and subsequently filled in.

Cisterns.—Defective non-mosquito-proof manhole covers were in response to letters or notices replaced by the new hinged iron standard caps under lock and key in 1,101 cases during the year. The total number of cisterns in the City is 27,757.

Tanks.—(1) Mill tanks. There are 88 mills in the City with 117 mill tanks or ponds. These tanks are always found to constitute a danger to Public Health by reason of the frequency with which they breed mosquitoes. The matter was taken up in 1927 by the Malaria Advisory Committee, appointed by Government for devising and co-ordinating anti-malarial measures in the City of Bombay. The Committee recommended that attention should be concentrated on the filling in of the tanks at once or gradually every year. But in view of the depressed state of the industry, the demand for filling in was deferred and a scheme recommended for oiling at a cost varying from Rs. 55 to 95 per mensem according to the size of tank. The scheme is to pour on the surface of the water one gallon of a mixture of three gallons of residual oil, two gallons of kerosene oil and two ounces of castor oil for every 25 linear feet if the tank is found breeding.

As an experimental measure the owners of the mills worked with electricity where the mill tanks were found breeding frequently were advised to participate in the scheme which was brought into force from September 1927.

The owners are given the option of supplying their own oil, when Rs. 15 per mensem are charged for supervision and treatment of the tank when necessary.

11 mills joined the scheme during the year 1927 and 5 more during the current year.

The mill tanks were regularly examined and treated with larvacides when necessary. 54 tanks were found breeding at some time or other during the year.

The following table shows the number of mill tanks found breeding in each month in the year 1928 :—

Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
24	21	14	14	28	20	18	5	10	13	12	7

Overhead Cisterns in Mills.—Breeding of mosquitoes was noticed by Major Covell in the overhead cisterns and sprinkler tanks and action has therefore been started to get these tanks covered with reinforced concrete. 28 tanks have been covered with concrete during the year.

(2) **Naigaum Tank.**—The work of filling in the tank is nearing completion.

(3) **Bhuleshwar Tank.**—As decided under Corporation Resolution No. 11272 of 10th February 1928, action was taken for filling in the tank. The tank has now been filled in.

Quarry holes, etc.—A large number of low-lying plots of land and quarry holes mostly in F and G Wards were found breeding and had to be constantly treated with larvacides. A special staff was engaged and water from some of these lands was pumped out and the lands rendered dry. The quarry hole at premises No. 26, Parel Road, is under systematic treatment as in the case of mill tanks.

Cellars in Ballard Estate.—Plot No. 20, Incomplete Building owned by the Bombay Port Trust. Cellar was found breeding 7 times during 1928. This has not been filled in.

Plot No. 21, Feltham House. This was found breeding 21 times during 1928. This also has not been filled in.

Plot No. 25, Incomplete Building owned by the Bombay Port Trust. Never found breeding during 1928. Water accumulates in pools only during monsoon.

Plot No. 31, Sudama House. The Cellar was found breeding as often as 32 times during 1928. This plot is now under systematic treatment as in the case of mill tanks.

Plot No. 46, Incomplete Building. Not found breeding during 1928.

Storm-Water Entrances.—Systematic inspection of storm water entrances was carried out throughout the year.

Quinine and Cinchona.—76 lbs. of quinine and 96 lbs. of Cinchona Febrifuge were supplied to patients and others free of charge through the 13 Municipal Dispensaries and other Municipal Agencies and at the Municipal Maternity and Infectious Diseases Hospitals. 1 lb. of quinine and 22 lbs. 9 ozs. of Cinchona were distributed in the form of tablets numbering 45,350 in all. The remainder was issued in the form of powder.

Out of 45,350 tablets 2,000 tablets were distributed by Municipal Inspectors and others partly for treatment and partly for prophylactic purposes. The remainder of the supply of tablets and powder was administered in Medical Institutions to patients suffering or suspected to be suffering from Malaria.

Prosecutions.—The following table shows the number of prosecutions instituted during the year 1928 with their results :—

Number of prosecutions	1,525
Requirements completed before service of summonses	305
,, ,, after service of summonses..	900
Penalties inflicted	131
Cases dismissed	84
Cases pending	105
Total ..	1,525

Summary of work done in 1928.

Number of wells filled in	128
,, ,, wells hermetically covered	147
,, ,, wells covered with trap doors	5
,, ,, inspections of buildings	8,99,326
,, ,, notices issued for wells, cisterns, etc.	6,544
,, ,, cisterns made mosquito-proof	6,228
,, ,, cisterns provided with standard covers	1,101
,, ,, children examined for enlargement of the spleen ..	5,657
,, ,, blood slides (random sampling) examined	1,754
,, ,, blood slides of dispensary patients	648
,, ,, Quinine pills distributed, 4 grs.	2,000
,, ,, pools treated with pesterine or kerosine oil emulsion..	6,460
,, ,, odd receptacles removed	40,398
,, ,, low-lying areas filled in	27
,, ,, large tanks filled in	4
,, ,, correspondence papers (new cases) dealt with	5,835

Venereal Diseases.

The number of deaths ascribed to Venereal Diseases during the year was 44 against 26 in 1927. Of the 44 deaths, 41 were due to Syphilis.

League for Combating Venereal Diseases.—Early in the year 1918, a League for Combating Venereal Diseases was established in Bombay under Voluntary management, with the Head Office, Information Bureau and an Outdoor Dispensary at

No. 66, Lamington Road. The management has been taken over by the Bombay Municipality from 1st April 1925. At the Information Bureau, information and advice are given to the public and educational literature in English and the Vernaculars is distributed. Outdoor anti-venereal propaganda work is also carried out. The Dispensary is well equipped with all the necessaries for the free diagnosis and treatment of Venereal Diseases by modern methods. The Staff of the Dispensary consists of a Medical Officer in charge, a Lady Physician, a Nurse, and Dispensary and Laboratory Assistants. The Medical Officer in charge has submitted the following report on the year's work.

"**Post-Graduate Course.**—A post-graduate course of training for qualified medical practitioners is held three times a year. It is conducted by the Medical Officer in charge, at the Dispensary, where provision is made for laboratory instruction and ample facilities are available for clinical work. During 1928, thirteen post-graduate students have received training and completed their courses. The total number of post-graduate students who have received instruction from 1921 is 65.

Registration and Racial Distribution.—During the year ending 31st December 1928, the number of patients registered in the Dispensary was 2,942 (2,664 males and 278 females). The racial distribution of these cases was as follows :—

	Males.	Females.
Europeans	48	6
Anglo-Indians	43	4
Indian Christians	246	49
Hindus	1,148	108
Mussalmans	993	78
Parsees	68	4
Jews	74	17
Japanese, Chinese and other castes ..	44	12
Total ..	2,664	278

The average daily attendance of patients was as follows :—

Males.		*Females.*		*Total.*		*Grand Total.*
New.	Old.	New.	Old.	New.	Old.	
8	72	1	23	9	95	104

During the year under report 789 injections of Neo-arsenobillon and 1,262 of Bismuth were given and 622 Wassermann Tests were made, besides a very large number of other injections and tests.

Out of the 2,942 cases registered during the year, 317 ceased attending before the diagnosis was completed and 398 (318 males and 80 females) were diagnosed as non-venereal. The remaining 2,227 with the addition of 170 cases carried over from last year give a total of 2,397 (2,084 males and 313 females) venereal cases which are classified as follows :—

	Males.	Females.	Total.
Syphilis	514	48	562
Gonorrhœa	841	201	1,042
Soft Chancre	729	64	793
Total ..	2,084	313	2,397

RESULT OF TREATMENT.

	Syphilis.			Acute Gonorrhœa.			Chronic Gonorrhœa.			Soft Chancre.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Cured	6	1	7	115	37	152	56	7	63	193	14	207
Discharged or left fit and well	153	14	167	..	..	..	..	..	..	..	..	..
Left Improved	53	3	56	123	6	129	45	7	52	163	6	169
Sent to Hospitals ..	26	4	30	39	7	46	10	5	15	71	10	81
Under Treatment ..	76	7	83	113	15	128	47	20	67	86	17	103
Left to continue Treatment	60	7	67	43	9	52	21	10	31	34	3	37
Discontinued Treatment	43	8	51	81	23	104	36	26	62	89	10	99
Total ..	417	44	461	514	97	611	215	75	290	636	60	696
Attended for Diagnosis only	97	4	101	89	12	101	23	17	40	93	4	97
Grand Total ..	514	48	562	603	109	712	238	92	330	729	64	793

Note.—The result indicated in the above table should be interpreted as follows.—Patients described as " cured " of syphilis underwent a full course of treatment according to the standards adopted by modern Syphilologists. Their blood was repeatedly tested for a period of two years and a final Wassermann test was done on their Cerebro-spinal fluid before they were discharged. The rest who did not or could not go through this long treatment and the exacting test, were discharged " fit and well." These patients attended on an average for 2 months and went out disinfected and fit for work.

" Cure " of gonorrhœa was verified by means of special tests of curability.

Patients who left " improved " are mostly gonorrhœa cases. Among these about 25 per cent. were drawing near a cure.

Complicated cases needing rest in bed, surgical or gynæcological interference were " sent to hospitals."

On account of distance, office hours or resentment of publicity some patients " left to continue treatment " elsewhere and in many instances were given a note to their medical advisers with details of the case when necessary. A small percentage of these cases may have left improved without attending for a note to be made on their condition.

Many of the patients who " discontinued treatment " probably did so for the same motives as explained in connection with those who left to " continue treatment." But they have been numbered under this heading as they assigned no reason for leaving.

Patients who " attended for diagnosis only " were mostly cases that were referred to us for diagnosis by medical practitioners and medical institutions.

(Sd.) SOCRATES NORONHA,

Medical Officer in charge,

Anti-Venereal Dispensary."

DISINFECTION, &c.

The following table shows the number of cases of infectious disease removed to Hospitals, of houses vacated and disinfected and of articles disinfected by steam :—

INFECTIOUS DISEASES—CAUSE AND NATURE OF ACTION TAKEN IN 1928.

On account of	Cases Notified.	Cases removed to Hospitals.	Houses Vacated.	Rooms Disinfected.	Articles Sterilized.
Plague	296	39	64	276	196
Small-pox	1,020	249	8	983	718
Measles	...	5	...	61	47
Chicken-pox	...	13	...	40	364
Typhoid Fever	213	10	...	222	89
Malarial „	...	5	...	5	...
Relapsing „	...	...	...	...	...
Influenza	39	4	...	39	7
Cholera	48	9		58	162
Erysipelas	...	...	...	7	8
Leprosy	28	11	...	11	...
Tuberculosis of Lungs ...	1,799	158	1	913	69
Dead rats	...	...	19	113	...
Other Causes	89	22	...	212	1,000
Total ...	...	525	92	2,940	2,660

Quantities and Cost of Disinfectants used.—The following statement shows (*a*) the quantities in which each kind of disinfectant was used during the year ending 31st December 1928 and their cost ; (*b*) quantities used for disinfecting infected dwelling houses, rooms and other places such as house gullies, drains, privies, etc., and (*c*) the total cost of the disinfectants used for each purpose :—

Name of Disinfectant.	(*a*)		(*b*)		(*c*)	
			Quantities of Disinfectants used.		Total cost of Disinfectants used.	
			(*i*)	(*ii*)	(*i*)	(*ii*)
	Quantities of Disinfectants used.	Cost.	For disinfecting dwelling houses and rooms.	For disinfecting other places such as house gullies, drains, privies, etc.	For disinfecting dwelling houses and rooms.	For disinfecting other places such as house gullies, drains, privies, etc.
		Rs.			Rs.	Rs.
Pesterine .. .. Gallons.	10,207	2,552	836	9,371	209	2,343
Sal Hycol .. .. Do.	2,900	7,613	827	2,073	2,171	5,442
Izal Powder .. .. Bags.	618	7,107	1	617	12	7,095
Sulphur .. .. Lbs.	462	43	17	445	2	41
Total ..	....	17,315	....	....	2,394	14,921

MEDICAL RELIEF.

Municipal Dispensaries.—The thirteen Municipal Dispensaries were open throughout the year to administer, as in the past, free medical relief to the sick poor of the City.

The number of new cases treated at the dispensaries during the year was 84,048 (58,603 males and 25,445 females) as against 68,887 in 1927. The total attendances numbered 210,467 as against 166,991 in 1927. These figures include 769 visits by the Dispensary Medical Officers to patients in their homes.

The diseases treated at each dispensary are shown in Table No. 5 (Appendix).

In addition, 11,195 new cases (8,650 women and 2,545 children) were treated at the two dispensaries opened on the 16th February 1925 at No. 4 and No. 7 District Offices for women and children, as against 9,612 in 1927; the total number of attendances at these dispensaries was 34,061.

At the remaining 11 Municipal Dispensaries, women have been attended by Lady Doctors once a week between 12 noon and 2 p.m. since 13th June 1927. The number of new patients treated was 3,354 (3,190 women and 164 children). The total number of attendances was 9,728.

The free dispensary for the treatment of eye diseases opened and maintained in the Sanitary Institute, Princess Street, under Corporation Resolution No. 12677 of 5th February 1920, was removed in June 1924 to the Bai Lingubai Building in Kamathipura and named "Rajanna Jalooji Charitable Eye Dispensary." It was attended throughout the year gratuitously by Dr. D. D. Sathaye. The dispensary is fully equipped and is open every day from 8-30 a.m. to 9-30 a.m. except on Sundays. The total number of new cases treated in 1928 at this dispensary was 1,281 as against 1,065 in 1927.

I have much pleasure in bringing to the notice of the Municipal Commissioner and the Corporation the valuable honorary services rendered by Dr. Sathaye.

PUBLIC HEALTH ADMINISTRATION.

For administrative purposes, the City has been divided into seven wards A to G, each under the charge of an Assistant Health Officer who is responsible for the sanitary work in his ward. A & B Wards and C & D Wards constitute two combined charges each under one Assistant Health Officer. There are thus five Assistant Health Officers respectively in charge of the five main divisions of the City. The Assistant Health Officers are under the direct control of the Executive Health Officer and of the Deputy Executive Health Officer who form part of the central administration.

The Island has been further sub-divided into 39 Sections in charge of Inspectors styled Medical Assistants and each Inspector in the District to which he is appointed is required to undertake the work incidental to Registration and Sanitation as well. As a necessary corollary, all the newly appointed Inspectors are required to be qualified Medical Practitioners and to pass the Sanitary Surveyor's Examination.

The 39 Sections have been arranged in groups to form 10 Registration and Sanitary Districts, the work in each of the 10 Districts being supervised by a Senior and Junior Medical Inspector. There are thus 10 Senior and 10 Junior Medical Inspectors who are required to be Medical Graduates and to work under the orders of the Assistant Health Officers of the Wards in which their respective Districts are situated. An exception in the rule as to the possession of a medical qualification is made in favour of the old grade Sanitary and Assistant Sanitary Inspectors.

In addition to the 39 Medical Assistants in charge of Sections, there are 9 provided as a leave reserve and 13 Medical Assistants in charge of the 13 Municipal Dispensaries. Their duty is to provide free medical relief to the sick poor of the City. Each of the ten Registration Offices has one trained nurse who is also a qualified midwife. Her duty is to advise mothers of the poorer classes in the care of their children and to attend women of the poorer classes in their confinement.

For the prevention of adulteration, 5 Sub-Inspectors are employed to take samples of milk offered for sale and to submit them for examination to the Municipal Analyst. Sampling is also carried out by the 20 Senior and Junior Medical Inspectors.

The Malaria Branch was re-opened on 8th January 1923 and anti-malarial measures during the year were carried out by a staff consisting of 6 Medical Inspectors, 80 Sub-Inspectors, 6 muccadams and 200 coolies, under the direct control of the Deputy Executive Health Officer.

The analysis of samples of food and of samples of the Municipal water-supply is carried out by the Municipal Analyst in a laboratory attached to the Health Department.

The Veterinary staff includes 1 Senior Inspector, 1 Assistant Senior Inspector and 3 Inspectors who are all qualified Veterinary Surgeons and inspect the milch-cattle stables in the City and the Municipal bullocks and are in charge of the Municipal Bullock Hospital and of the Segregation sheds at Tardeo Flats. In addition to this staff, there are 12 Veterinary

Overseers who are responsible under the Conservancy Supervisors for the health of the bullocks in the eleven Health Department Stables.

The Vaccination staff includes besides the Superintendent 1 Head Vaccinator and 9 other Vaccinators.

Conservancy.—The Conservancy staff comprises :—

1	Head Supervisor.
3	Supervisors.
10	Assistant Supervisors.
7	Senior Overseers.
59	Overseers.
20	Depot Attendants.
2,021	Halalkhores.
4,077	Scavengers.
795	Cart Drivers.

The average strength of bullocks provided for the scavenging and cesspool carts was 923 pairs. The Municipal bullock stables in the City number eleven.

The number of carts of cutchra, drain silt and other refuse emptied at the Mahalakshmi Railway siding and other Depots in the City during the year was 792,139 against 784,489 in the preceding year; of these, 579,138 were departmental and 213,001 private.

During the year 86,501 night-soil and cesspool cart-loads and 3,704,995 night-soil baskets were emptied at the several night-soil depots in the City as compared with 81,394 night-soil and cesspool cart-loads and 3,791,789 night-soil baskets in 1927. As compared with the preceding year, there is an increase of 5,107 night-soil and cesspool cart-loads but a decrease of 86,794 baskets. During the year, 942 water-closets were substituted for basket privies as against 518 in the preceding year. This number includes 612 cases in which subvention was paid.

Stray and ownerless Dogs.—In the year under review, 6,302 stray dogs were caught ; out of this number, 6,239 ownerless dogs were destroyed by carbonic acid gas at the Lethal Chamber provided for the purpose at Mahalakshmi and 63 were returned to their respective owners.

Milk Supply.—The inquiries made and the reports submitted by the Dairy Superintendent in 1923 showed that the sources of the milk consumed in Bombay were then approximately as follows :—

Source.	Distance in Miles.	Hours.	Quantity in gallons.
93 Stables in the City—			
Buffaloes 14,250	....	....	18,000
Cows 750	....	....	
B. B. & C. I. Railway—			
Nadiad	281	10½	2,890
Palghar	58	2	
G. I. P. Railway—			
Kirkee	115	4½	200
Other Stations	....	....	1,765
Ghatkopar, Bandra, etc., by Road	....	....	145
Total Number of gallons per day ..	....	....	23,000

Number of Milkshops in the City, 540.

The total quantity of 23,000 gallons per day is equivalent to 3·1 ounces per head of the population, an amount which must be regarded as insufficient for the consumers of whom a majority are vegetarians.

In the non-vegetarian diet of a healthy adult efficient substitutes for milk can no doubt be provided, but for children upto the age 12 or 14 years and for vegetarians milk may be regarded as essential.

Of the milk consumed 78 per cent., if the above figures still hold good, is produced in milch cattle stables within the City, and 1 per cent. is brought in from the suburbs by road. Twenty-one per cent. comes by rail.

During the year 960 hawkers importing milk by train were inspected. Two hundred and sixty-eight were found to have no license and 137 were carrying the milk in open cans without covers.

Prosecutions were instituted in 446 cases of hawkers found selling milk in the streets without a license. Details in regard to the adulteration of milk and the number of prosecutions for the sale of adulterated milk, will be found in the report of the Municipal Analyst.

The total number of prosecutions for the sale of milk by unlicensed persons and for breaches of the license regulations was 2,023.

The scheme for the abolition of stables in the City and their transfer to the rural areas outside Bombay has unfortunately been suspended owing to legal difficulties which prevent the Corporation from purchasing land outside the Municipal limits and from subsidizing private dairy enterprise on condition that they should be conducted on sanitary and modern lines.

Unwholesome Food.—The following list shows the articles of unsound food seized and destroyed under Sections 415 and 416 of the Municipal Act :—

Fruits (Fresh)	No.	2,058	Sterilized Milk	tins	14
Tins of preserved fruits ..	tins	824	Butter	„	432
Potatoes	lbs.	482	Biscuits	lb.	1
Onions	„	147	Chocolate	lbs.	276
Vegetables	„	522	Cheese	„	1,074
Indian Sweetmeats	„	74	Patent foods	tins	542
Cocoa	lb.	1	Ham	lbs.	579
Condensed milk	tins	833	Fish tinned	tins	1,939

Statutory Notices.—The following list indicates the number of Notices served by the Inspectors and the number of Prosecutions undertaken for various offences under the Municipal Act during the year.

NOTICES UNDER THE MUNICIPAL ACT IN 1928.

—	No. of Notices issued under various Sections of the Municipal Act.
Total number of Notices issued	9,609
Number complied with	4,334
Number not complied	4,123
Number pending, the time allowed not having expired	757
Number cancelled	395
No. of Notices in 1927 ..	10,010

POLICE COURT PROSECUTIONS IN 1928.

—	MUNICIPAL ACT.			Prevention of Adulteration Act 1925.
	Section 412A for Adulteration and other offences under Milk Licenses.	Other Sections.	Total.	
Number of Summonses issued by the Presidency Magistrate at the instance of the Health Department	2,443	7,717	10,160	228
Number of cases in which convictions were obtained	1,477	2,570	4,047	160
Number of cases in which the parties were warned and discharged ..	161	2,613	2,774	1
Number of cases dismissed	7	16	23	9
Number of cases withdrawn, the offences having ceased	715	2,277	2,992	28
Number of cases pending at the close of the year	83	241	324	30

SANITARY STATE OF THE CITY.

The principal causes of the insanitary conditions which maintain the death-rate at a high level even in non-epidemic periods are the insufficiency of the sewers, the continuance of the basket privy system of conservancy, the density of houses and persons per acre and the overcrowding of persons in rooms and tenements.

Water Supply.—With the completion of the new Tansa pipe line, the City as an whole is now provided with an adequate and constant supply of water from Tansa lake. The whole supply has been chlorinated throughout the year. No provision of any kind is made for filtration.

Drainage.—Reference was made in detail in my Report for 1920 to the gravity of the insanitary conditions which result from the inadequacy of the present sewer system and the continuance of the old insanitary basket privies. The scheme for remodelling and enlarging the whole system is still under consideration and no progress has been made except in the construction of new sewers to be used when the location of the outfall has been decided upon. In the meantime, the situation has been much aggravated by the increased water supply and the erection of new buildings.

Basket Privies.—A scheme of the first importance for the conversion of basket privies into water-closets was set in motion early in the year and promises to meet with signal success. When an owner has been served with a Notice calling for the conversion of the privies on his premises, he receives from the Corporation a subvention of Rs. 100 for every seat converted, provided the work is completed within three months of the date on which the Notice was served. If, however, the work is not completed within the time laid down, no subvention is paid and if there is further delay the conversion is carried out by the Municipality at the owner's expense.

By the end of the year 942 privy seats had been converted. The number of seats remaining to be converted in the sewered areas of the City is in the neighbourhood of 30,000.

The scheme will pay for itself in savings on the wages of the 2,000 halalkhores whose number will be steadily reduced in proportion to the number of privies converted.

Owners now appear to appreciate the fact that conversion enhances the value of their property and with the added inducement of the subvention, it is expected that water-closets will replace the basket privies at the rate of 7,000 or 8,000 annually.

Should these expectations be fulfilled basket privies will disappear in the sewered areas within four years and the City will be rid of the cost of the halalkhore service and of a most dangerous source of infection in times when Cholera, Enteric fever or Dysentery are prevalent in the City.

HOUSING.

Insanitary Dwellings.—The routine inspection of dwellings and premises presenting or likely to present sanitary defects has been systematised under a scheme whereby each one of the 39 Medical Assistants and 20 Medical Inspectors is required to devote not less than one afternoon a week to the inspection of houses in streets or areas definitely allotted for the purpose by the Assistant Health Officers. The scheme aims at the inspection of not less than 5 houses per week by each member of the inspectorial staff or 17,500 houses in all in the year. Were inspection the single object in view, these numbers could be doubled or trebled. Since however the primary inspections are only the first step in securing the remedy of the sanitary defects discovered, their number is strictly limited by the number of secondary visits which the enforcement of the requirements of the Department entails.

Eight-hundred and twenty-one insanitary dwellings were evacuated during the year, the great majority being insanitary kutcha huts.

Sanitary Inspection.—In Table 21 (Appendix) will be found a summary of the inspections (211,420) made by the Medical Inspectors and Medical Assistants during the year and of the sanitary works (15,358) carried in response to their orders.

Insanitary Areas.—The action taken by the City Improvement Trust in regard to insanitary areas represented by the Municipal Commissioner under Section 24 of the Bombay Improvement Trust Act, 1898, was described in some detail on pp. 34 and 35 of my Annual Report for 1921.

Financial considerations and the difficulty experienced in preserving a balance between the number of insanitary dwellings demolished and the number of new tenements provided to take their place have led to the postponement of action in a number of the areas which have been represented.

The second obstacle has now been removed by the Development Directorate Scheme under which 207 new chawls for the working classes have been completed.

Provision of New Dwellings.—Since the year 1898, the City Improvement Trust has provided 47,342 new tenements as against 32,522 tenements demolished.

During the year 1927-28, 541 new tenements were provided and 301 only were demolished, the net gain to the City being 240 new tenements.

WORK OF THE STAFF.

In reporting on the Health of the City for the last time, it is a source of satisfaction that the death rates for the last two years should have been lower than any rates previously recorded.

In the achievement of these results all branches of the Health Department have taken their share. They have risen to the occasion in emergencies willingly and with initiative and in their routine work have maintained a high standard of industry and integrity.

My sincere thanks are due to all and if a few names only are mentioned, the rest will know that their share in the maintenance of the credit of the Department is none the less gratefully appreciated.

Dr. J. S. Nerurker, as Deputy Executive Health Officer, has rendered invaluable assistance in all branches and as the officer in charge of all anti-malarial operations in the City, has established a new and most efficient organisation of which any City might be proud.

The Assistant Health Officers have rendered loyal and efficient service throughout my tenure of office.

Mr. F. T. Gidney as Head Supervisor has handled his complicated task and his large staff with marked ability. He has reorganised with success and in the face of opposition a new system of conservancy in A and B Wards and may justly claim the whole credit of introducing the ingenious device whereby the same trailer is now used for the collection of refuse with bullock traction and for the transport of refuse to Mahalaxmi with a motor tractor.

Dr. C. Coutinho as Municipal Analyst has upheld his scientific reputation with sound advice on technical problems in bacteriology and analytical Chemistry and has emerged with credit from the recent controversy on standards under the Bombay Prevention of Adulteration Act.

Dr. K. N. Choksey as acting Superintendent of Vaccination, if next year's report may be anticipated, rendered invaluable service in the Small-pox epidemic of March and April 1929 and with his staff carried out vaccinations which exceeded by 15,000 the previous record for vaccinations performed in the same period of time.

Mr. G. R. Purandare, Chief Clerk, Registration, has brought the preparation and maintenance of the Vital Statistics for the City upto an high standard of efficiency and has, I regret to say for the last time, rendered his usual valuable assistance in the preparation of the Annual Report.

In conclusion, I tender my thanks to the Corporation for the support they have given during my tenure of office to the Health Department in their work and for the many reforms beyond the scope of this Department which they have carried out and which have been instrumental in the reduction of the death rate that has taken place.

PUBLIC HEALTH DEPARTMENT
MUNICIPAL OFFICES,
BOMBAY, 11*th May* 1929.

J. E. SANDILANDS,
M.D., D.P.H.,
Executive Health Officer.

APPENDIX.

REPORT OF THE ARTHUR ROAD HOSPITAL FOR THE YEAR 1928.

I.—STAFF.

I was in continuous charge of the Hospital throughout the year. The present staff of the Hospital comprises of the Medical Superintendent, two Medical Assistants, one Matron, one Sister, three Senior Nurses and three Junior Nurses. The re-organisation of the Hospital is going on and a new Nurses' Home for the small-pox unit is built and is already in use. A new ward for Plague and other cases in the general unit is under construction and will be ready within a couple of months when Plague and other cases will be treated here. Cases of other infections besides small-pox and cholera were admitted in this Hospital throughout the year, instead of at the Maratha.

II.—GENERAL STATISTICS.

TABLE I.

	Small-pox.	Chicken-pox.	Measles.	Mumps.	Diphtheria.	Cholera.	Cerebro spinal fever.	Typhoid fever.	Encephalitis Lethargica.	Erysipelas.	Scarlet fever.	Influenza.	Whooping cough.	Other diseases.	Total.
Patients remaining in the Hospital on 31st Dec. 1927 at 8 p.m. ..	11	..	..	..	..	..	..	..	..	..	..	..	1	..	12
Admitted from 1st Jan. to 31st Dec. 1928 ..	522	76	59	47	21	17	3	4	2	2	1	2	..	126	882
Total treated	533	76	59	47	21	17	3	4	2	2	1	2	1	126	894
Discharged	399	74	54	47	14	10	..	4	2	1	1	1	1	94	702
Died	123	..	..	..	5	7	3	..	..	1	..	1	..	22	162
Mortality rate per cent.	23	..	..	..	23	41	1,000	..	..	50	..	50	..	17	18
Patients remaining on 31st Dec. 1928 at 8 p.m.	11	2	5	..	2	..	..	..	..	..	..	..	..	10	30
Maximum number of beds occupied on one day	..	..	..	..	..	..	..	..	..	..	..	..	..	..	108

The following table shows the distribution of admissions throughout the year 1928.

TABLE II.

	Small-pox.	Chicken-pox.	Measles.	Mumps.	Diphtheria.	Cholera.	Cerebro spinal fever.	Typhoid fever.	Encephalitis Lethargica.	Erysipelas.	Scarlet fever.	Influenza.	Other diseases.	Total.	Discharged.	Deaths.	Daily average No. of patients in the hospital.
January ..	33	10	4	1	3	..	1	..	..	..	..	..	5	57	49	8	22
February ..	57	19	7	2	6	..	..	..	..	..	..	..	8	99	83	16	43
March	140	25	10	6	..	1	1	..	..	..	..	..	4	187	155	32	83
April	114	9	6	1	3	1	..	..	..	..	1	1	8	144	115	29	46
May	66	4	15	19	2	..	..	..	..	1	..	..	10	117	90	27	55
June	24	4	2	5	..	..	..	..	..	..	..	..	9	44	36	8	31
July	39	1	7	1	1	2	..	1	..	..	..	..	13	65	52	13	26
August ..	13	..	3	2	..	5	..	..	..	..	..	..	11	34	28	6	21
September ..	5	1	..	..	1	7	..	1	1	..	..	1	14	31	24	7	10
October ..	16	..	..	3	1	..	1	..	1	1	..	..	22	45	36	9	2.
November ..	3	1	..	6	2	1	..	1	..	..	..	..	9	23	19	4	1
December ..	12	2	5	1	2	..	..	1	..	..	.	..	13	36	33	3	..
Total ..	522	76	59	47	21	17	3	4	2	2	1	2	126	882	720	162	

The total number of admissions during the year was 882 as compared with 952 in the year 1927. The average weekly cost per patient was as shown below :—

	Rs.-a. p.
Diets	.. 7 7 0
Medicine..	.. 3 12 8
Clothing..	.. 1 9 8
Disinfectants	.. 0 15 9
Stores	.. 2 0 8
Total Rs.	..15 13 9

Death Rate.—The fatality rate for all the diseases was 18 per cent. as compared with 22 in the previous year.

European and Anglo-Indian Patients.—The total number of admissions among European and Anglo-Indian patients was 11 as compared with 22 last year.

They were distributed as follows :—

7 small-pox, 1 measles, 2 cholera and 1 other diseases. Out of 7 small-pox cases 2 were unvaccinated cases with 1 death and 5 were vaccinated cases. Out of 2 cholera cases 1 died and 1 recovered.

Military Patients.—Military admissions totalled 28 as compared with one last year.

Accommodation.—The following table shows the total number of beds in the Hospital in normal times.

TABLE III.

Sections.	Number of wards.	Beds per ward.	Total beds.
Indian	5	22	110
European (old)	2	14	28
„ (new)	4	14	56
Total ...	11	...	194

These figures are calculated on an allowance of 100 sq. ft. of floor space per bed. In an emergency the number of beds can be increased.

III.—DISEASES.

Small-pox.—Small-pox prevailed throughout the year. The highest number of admissions was 140 in March.

Vaccination.—There were 522 small-pox patients of whom 243 were unvaccinated and 279 vaccinated.

The following table compares the vaccinal condition of patients at all ages admitted during this year :—

TABLE IV.

Age.	Vaccinated.		Unvaccinated.	
	Admissions.	Deaths.	Admissions.	Deaths.
0 to 1 year	1	1	9	4
1 to 2 ,, ...	2	..	16	9
2 to 3 ,, ...	..	..	6	..
3 to 4 ,, ...	..	..	7	..
4 to 5 ,, ...	1	..	7	2
5 to 6 ,, ...	1	..	6	..
6 to 7 ,, ...	1	..	7	1
7 to 8 ,, ...	1	..	8	2
8 to 9 ,, ...	..	..	..	..
9 to 10 ,, ...	3	..	5	..
10 to 11 ,, ...	..	..	5	..
11 to 12 ,, ...	6	..	10	3
12 to 13 ,, ...	3	..	3	1
13 to 14 ,, ...	6	..	5	1
14 to 15 ,, ...	10	2	4	4
15 to 16 ,, ...	9	2	3	1
16 to 17 ,, ...	8	1	1	..
17 to 18 ,, ...	23	1	12	3
18 to 19 ,, ...	4	..	3	1
19 to 20 ,, ...	38	1	10	2
20 to 30 ,, ...	135	13	93	53
30 to 40 ,, ...	21	3	15	9
40 to 50 ,, ...	5	..	7	3
50 to 60 ,, ...	1	..	1	..
60 and upwards.	..	..	..	..
Total ..	279	24	243	99

The following table compares the vaccinal condition of patients and the rate per cent. of their mortality during the year as contrasted with 10 previous years :—

TABLE V.

Year.	Vaccinated.		Unvaccinated.	
	Admissions.	Case mortality.	Admissions.	Case mortality.
1918	833	12	578	39
1919	357	10	325	41
1920	306	10	214	38
1921	299	12	243	41
1922	42	7	42	38
1923	250	9	304	32
1924	547	9	541	38
1925	176	8	276	36
1926	186	4	203	37
1927	354	3	372	39
1928	279	8	243	41

Clinical Classification of Small-pox cases.

TABLE VI.

——	Admissions.	Deaths.	Recovered.	Mortality rate per cent.
Hæmorrhagic	75	68	7	90
Confluent	69	41	28	59·4
Semi-confluent ...	120	14	106	11·6
Discrete	258	...	258	...
Total ...	522	123	399	23·5

The following table shows the complications of Small-pox :—

TABLE VII.

Complications.	No. of cases.
Total number of completed cases	522
Local complications :—	
Boils and abscesses	49
Otitis	25
Nephritis	12
Conjunctivitis	40
Keratitis	7
Iritis	9
Corneal Ulcer	39
Orchitis	3
Parotitis	9
Arthritis	7
General complications :—	
Br. Pneumonia	7
Bronchitis	72
Tonsilitis	43
Laryngitis	21
Oedema of Glottis	20
Septicæmia	107
Hemiplegia 1, Paraplegia	1, 1
Meningitis	2

The Treatment of Small-pox.—The same routine treatment of small-pox as last year was carried out.

Cholera.—There were 17 cholera cases admitted this year as compared with 88 last year. The highest number of admissions was in September.

Treatment of Cholera.—A modified Roger's treatment was carried out, the mortality rate being 41 per cent. The stools in every case were examined bacteriologically and in all cases positive results were obtained.

Bacteriological and Pathological Examination.—Three post mortem examinations were done. One was a case sent as cholera which was found on post mortem examination to be a case of Cerebral Malaria. Another was a case of Lobar Pneumonia, sent here as Influenza and the third one was of a person who succumbed to the effects of food poisoning. The body was considerably decomposed before a post mortem could be obtained and no organism could be isolated. The following table shows the number of bacteriological examinations made for the Arthur Road and Maratha Hospitals at the Arthur Road Hospital Laboratory :—

TABLE VIII.

	Examination of	
I.	Blood for parasites and differential counts	57
II.	Blood Cultures	7
III.	Material from Small-pox pustules, ulcers, abcesses, or other complicating focii for microscopic and cultural investigation for Pyo-cocci ..	135
IV.	Throat smears and swabs for microscopic and cultural diagnosis (Loffler's Media) for B. Diphtheria in patients and carriers	25
V.	Sputa for Organisms	29
VI.	Material from Buboes and Ulcers and blood films for the detection of Bacillus Pestis	27
VII.	Stools for the detection Amœbae and Amoebic cysts, ova of intestinal worms and cultural investigation with a view to arrive at diagnosis and detection of carriers	109
VIII.	Blood for Widal Reaction	13
IX.	„ Sachs-Georgi reaction	3
X.	„ Van den Bergh's test	2
XI.	Urines for complete analysis	84
XII.	Cerebro-spinal fluid (For physical, chemical, microscopic and cultural examination)	9
XIII.	Urethral smears for Gonococci	10
XIV.	Smears from chancers for spirochaetes	12
XV.	Auto—Vaccines	4
	Total ..	526

Total No. of cases investigated for staphylococci—76 by culturing exudate from the small-pox pustules; only severe cases were selected in pustular stage.

No organisums found in	9
Staphylococcus Albus in	43
Staphylo Albus and Citrus in	9
„ „ „ Aurius in	12
„ „ „ citrins in	1
Streptococci	1
B. Pyocyanius	1

TABLE XI.

Showing the diseases and Number of Patients treated jointly at the Arthur Road Infectious Diseases Hospital and Maratha Plague Hospital during the last twenty years, *viz.*, 1909 to 1928.

Disease.	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928
Small-pox	413	685	340	658	203	283	440	1,142	429	1,508	798	520	542	84	554	1,088	452	389	726	522
Chicken-pox	56	43	60	53	140	34	106	178	118	200	148	94	109	72	65	82	79	53	126	79
Measles	6	105	87	51	23	71	44	64	81	71	127	41	77	14	25	31	60	26	61	59
Cholera	138	36	39	475	52	137	16	122	42	507	1,103	153	44	10	185	30	2	..	88	17
Plague	608	440	565	238	392	440	135	411	476	335	189	123	339	234	343	120	56	25	61	129
Relapsing Fever	123	41	1	2	1	1	..	2	7	24	458	82	151	162	10	1	..	..	....	..
Mumps	9	2	76	12	20	6	22	162	171	236	46	91	64	2	11	39	26	18	31	49
Whooping Cough	4	15	10	9	2	9	15	..	..	21	2	2	2	..	.....	2	..	..	7	..
Erysipelas	28	33	24	13	22	8	11	7	10	6	3	8	..	..	.....	5	4	13	5	3
Typhoid Fever	1	3	2	3	4	1	..	..	..	..	2	..	..	..	.....	..	..	..	1	4
Typhus Fever	..	..	..	..	..	..	..	..	1	..	..	..	..	..	.....	..	..	..	....	..
Phthisis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	34	329	414	532
Cerebro-spinal Fever	..	..	..	4	7	6	4	5	8	..	12	23	123	85	46	20	18	9	5	3
Scarlet Fever	..	..	..	..	..	..	1	1	..	..	..	..	..	..	.....	..	..	..	....	1
Encephalitis Lethergica	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	3	1	1	2
Diphtheria	..	..	..	..	..	..	1	1	2	2	1	..	1	..	.....	4	1	1	2	21
Chigger	..	..	..	..	..	..	14	334	1	..	..	1	..	..	.....	..	..	..	....	....
Influenza	..	..	..	..	..	..	..	..	..	1,520	258	295	72	73	60	62	56	42	31	27
General Diseases	306	327	359	327	355	286	228	326	401	201	516	356	513	228	214	265	276	212	257	313
Total ..	1,692	1,730	1,563	1,845	1,221	1,282	1,037	2,755	1,747	4,631	3,663	1,789	2,037	964	1,513	1,749	1,067	1,118	1,821	1,761

ARTHUR ROAD HOSPITAL,
BOMBAY, *2nd May* 1929.

P. T. PATEL, M.D. (Lond.), M.R.C.P. (Lond.),
D.T.M. & H. (Camb.), F.C.P.S.,
Medical Superintendent, Arthur Road Hospital.

REPORT OF THE MARATHA PLAGUE HOSPITAL FOR THE YEAR 1928.

I.—THE STAFF.

I was in continuous charge of the Hospital throughout the year.

The permanent staff of the Hospital comprised the Medical Superintendent, 2 Medical Assistants, 1 Sister-in-charge, 1 Senior Nurse and 4 Junior Nurses.

II.—GENERAL STATISTICS.

TABLE No. 1.

	Plague.	Influenza.	Influenzal Pneumonia.	Measles.	Mumps.	Chicken-pox.	Erysipelas.	Dysentery.	Tuberculosis.	C. S. M. Tubercular.	Malaria.	Other Diseases.	Total.
Patients remained in the Hospital on 31st December 1927 at 8 p.m.	..	..	..	1	..	1	..	..	22	..	2	3	29
Admitted from 1st January to 31st December 1928	129	13	12	..	2	3	1	9	532	2	75	101	879
Total treated	129	13	12	1	2	4	1	9	554	2	77	104	908
Discharged	20	13	6	1	2	4	1	8	281	..	76	100	512
Died	109	..	6	..	..	..	..	..	239	2	1	2	359
Mortality per cent.	84	..	50	..	..	..	..	..	43	100	1	2	39
Patients remaining in the Hospital on 31st December 1928 at 8 p.m.	..	..	..	..	..	..	..	1	34	..	..	2	37
Maximum Number of Beds occupied on one day	..	..	..	..	..	..	..	..	...	..	..	..	59

The total number of admissions during the year was 879 as compared with 869 in the year 1927.

The total daily average number of patients was 38. The average weekly cost per patient was Rs. 12-4-7 as shown below :—

	Rs.	a.	p.
Medicine..	2	7	1
Diet	7	8	2
Clothing	0	14	7
Disinfectants	0	8	2
Stores	0	14	7
Total Rs. ..	12	4	7

DISTRIBUTIONS OF ADMISSIONS THROUGHOUT THE YEAR 1928.

TABLE No. 2.

1928.	Plague.	Influenza.	Influenzal Pneumonia.	Mumps.	Chicken Pox.	Malaria.	Erysipelas.	Diphtheria.	Tuberculosis.	C. S. M. Tubercular.	Other Diseases.	Total.	Died.	Discharged.	Daily average Number of Patients.
January	1	..	3	1	3	7	..	..	44	..	8	67	17	42	34
February	6	2	2	...	..	2	..	..	40	..	7	59	30	32	32
March	28	3	1	..	.	1	..	..	48	..	11	92	41	48	35
April	41	..	..	1	..	7	..	1	37	..	16	103	49	57	46
May	28	2	1	..	..	2	..	..	40	..	6	79	40	44	33
June	8	1	1	..	.	2	..	1	43	..	2	58	22	30	30
July	1	1	..	..	..	9	..	1	48	..	12	72	20	49	39
August	4	2	..	..	..	7	..	2	65	1	4	85	29	49	41
September	3	1	2	..	..	9	1	1	52	—	11	80	28	48	43
October	5	.	..	..	..	14	..	..	56	..	10	85	25	48	49
November	3	1	1	..	...	7	...	..	15	1	8	36	25	35	36
December	1	..	1	..	..	8	..	3	44	..	6	63	23	30	34
Total ..	129	13	12	2	3	75	1	9	532	2	101	879	359	512	38

Employees from Police and Marine Forces, Convicts and Government Servants.—Admissions among these numbered 9 and the charges recoverable from Government for their treatment amounted to Rs. 191-4-0.

Accommodation.—The following table shows the total number of beds in the Hospital in normal times :—

TABLE No. 3.

Number of Wards.	Beds per Ward.	Total Beds.	Remarks.
5	16	80	Counted on basis of 100 sq. feet of floor space per bed.
....	....	....	

Two Wards containing in all 32 beds have been allotted to the reception of advanced cases of pulmonary tuberculosis.

III.—DISEASES.

Plague.—This year the total number of admisssions was more than double of last year, it being 129. The following complications were noted :—

TABLE No. 4.

Complications.	Number.	Percentage Incidence.
Total number of completed cases	129	....
Secondary Pneumonia	23	18
Haemorrhages from mucus membranes ..	2	1
Bronchitis	4	3
Haematesis	9	7

Buboes were incised in 21 cases. The following bacteriological investigations of pus and blood smears from Plague patients were carried out. Blood Cultures examination was done at Haffkine Institute, Parel :—

TABLE No. 5.

	Total Specimens.	Positive.	Negative.
Puncture Smears from Buboes ..	102	91	11
Pus „ „ „ ..	21	12	9
Blood Smears..	102	16	86
„ Culture	73	58	15
Smear Local focus..	13	4	9
Total ..	311	181	130

Treatment of Plague.—Under this heading must be mentioned a series of 33 cases treated with Bacteriophage Pestis supplied by the Haffkine Institute, Parel. Each patient received Bacteriophage Pestis both intravenously and in the Bubo twice a day for two days after admission. The results were unsatisfactory, as all the patient died. The others were given serum and antiseptic treatment as in previous years.

Details of the treatment by Bacteriophage Pestis.—

I. 10 cc intravenously and 5 cc in the Bubo to 6 Patients.
4 received 4 injections.
1 „ 2 „
1 „ 1 injection.

II. 5 cc intravenously and 2 cc in the Bubo to 7 Patients.
1 received 4 injections.
2 „ 2 „
4 „ 1 injection.

III. 2 cc intravenously and 1 cc in the Bubo to 14 Patients.
7 received 4 injections.
1 „ 2 „
6 „ 1 injection.

IV. 2 cc by mouth and 1 cc in the Bubo to 6 Patients.

Table showing the day of disease on which the Bacteriophage Treatment was started, the patients being admitted on those days. All died.

TABLE No. 6.

Day of Disease.	Number of patients.
1st Day	8
2nd „	10
3rd „	9
4th „	4
5th „	2
Total ..	33

MALARIA.

Distribution of Malaria Cases throughout the year 1928 with special features.

TABLE No. 7.

1928.	Total.	Cured.	Died.	Blood Examinations. Positive. B. T.	Positive. M. T.	Negative.	Spleen Enlarged
January	9	6	1	5	1	3	3
February	2	4	..	2	..	..	..
March	1	1	..	..	..	1	..
April	7	6	.	3	..	4	..
May	2	3	..	..	..	2	..
June	2	..	..	1	..	1	1
July	9	8	..	4	..	5	..
August	7	8	..	4	..	3	2
September	9	10	..	2	..	7	1
October	14	14	..	6	..	8	5
November	7	8	..	3	..	4	1
December	8	8	..	3	..	5	..
Total ..	77	76	1	33	1	43	13

Treatment.—All patients were treated with Cinchona Febrifuge Grs. 10 three times a day in a mixture with intravenous injections of Sodii Cacodylate Grs. 5 to 7½ dissolved in 5 cc of distilled water every alternate day. Under this treatment it should be noted that the relapse rate has come down in Fire Brigade cases from 13·30 per cent. in 1926 to 8·33 per cent. this year.

TUBERCULOSIS.

The details of the 554 cases of advanced tuberculosis of the Lungs admitted for isolation during the year were as follows:—

TABLE No. 8.

Patients remained in the hospital at 8 p.m. on 31st December 1927	22
Patients admitted during the year	532
„ Discharged „ „ at request ...	281
„ died „ „	239
Mortality per cent.	43·00
Both Lungs affected Cases	475
Right Lung „ „	39
Left „ „ „	18

X—Ray Examination was carried out in 40 cases of pulmonary tuberculosis at the King Edward Memorial Hospital, Parel. In 7 cases out of these nothing abnormal was detected.

Treatment.—Most of the cases admitted in the hospital were advanced cases of Pulmonary Tuberculosis so the treatment followed was only symptomatic with complete rest, good nourishment and nursing. But in some cases, intravenous injections of Collosal Antimony beginning with 1 cc and gradually increasing the dose to 5 cc according to reaction, were given. The results were satisfactory.

In selected eight, one-side cases, Artificial Pneumothorax was induced with great improvement. No definite conclusions could be drawn from this as the treatment is necessarily very long and the patients do not take the full course. Two cases were given refills of air in whom the previous inductions were done at Arogyavaram Sanatorium, Madanapalli.

Fire Brigade.—The following table indicates the number of employees who received the treatment as indoor patients for various diseases during the year 1928 :—

TABLE No. 9.

Diseases.	Number Admitted.
Malaria	60
Influenza	7
Influenzal Pneumonia	3
Bronchitis	5
Sciatica	3
Injury	14
Eczema	2
Heart Disease	2
Double Lobar Pneumonia	1
Neurosis	2
Pharyngitis	1
Anæmia (Secondary)	2
Chronic Interstitial Neuphritis	1
Dysentery (Amœbic)	6
Rheumatism Muscular	5
Dyspepsia	4
Other Diseases	20
Total	138

Besides the above, 626 patients were treated as out-patients as compared with 434 in the previous year.

Of the 138 admitted, two died (1 of Heart Disease and 1 of Double Lobar Pneumonia) The remainder recovered.

P. T. PATEL,
M.D. (Lond.), M.R.C.P. (Lond.),
D.T.M. & H. (Camb.), F.C.P.S. (Bom.),
Medical Superintendent,
Maratha Plague Hospital.

BOMBAY, *2nd May* 1929.

REPORT OF WORK DONE IN THE MUNICIPAL LABORATORY DURING THE YEAR 1928.

The total number of samples examined during the period under report was 7,501 as compared with 7,231 in 1927. Of the above, 6,328 samples were examined Chemically and 1,173 Bacteriologically. In 1927, the total number of Chemical samples was 5,828 and of Bacteriological 1,403.

Chemical.

Out of 6,328 samples examined Chemically, the following were food-stuffs:—

	Statutory Municipal.	Private.	Total.
Milk	4,981	13	4,994
Ghee	191	73	264
Butter	162	11	173
Vegetable Product	15	..	15
Tea-Dust	48	..	48
Oils	19	1	20
Saccharrin	2	..	2
Betel Nuts	13	..	13
Rifle Shots (Sweets)	6	..	6
Other food-stuffs	64	..	64
Total food-stuffs ..	5,501	98	5,599

Milk.

Of the 4,994 samples of milk examined, 20 were received from different Hospitals, 2 from the Superintendent of Licenses, 5 from the Infant Welfare Society and 8 from private persons. The remaining 4,959 samples were submitted officially by the Assistant Health Officers and of this number 1,548 or 31 per cent. proved to be not genuine as shown in the following statement:—

Number of samples submitted by the Assistant Health Officers, under Section 412A of the Municipal Act:—

Received from	Total.	Genuine.	Not genuine	Percentage adulterated.
Assistant Health Officer, A & B Wards.. ..	1,046	812	234	22·0
Do. do. C & D „	1,799	1,303	496	28·0
Do. do. E Ward	924	616	308	33·0
Do. do. F „	587	390	197	34·0
Do. do. G „	603	290	313	52·0
Total ..	4,959	3,411	1,548	31·0

Legal action was taken in 1,548 cases with the results shown in the sub-joined statement:—

Received from	No. of samples not-genuine.	Prosecutions.	Convictions.	Cases withdrawn.	Cases pending.	Fine.		Total amount of fines.
						Lowest.	Highest.	
						Rs.	Rs.	Rs.
Assistant Health Officer, A & B Wards	234	234	141	60	33	2	60	2,553
Do. do. C & D „	496	496	414	30	52	1	64	5,255
Do. do. E Ward	308	308	240	20	48	1	50	3,276
Do. do. F „	197	197	160	14	23	1	50	2,684
Do. do. G „	313	313	230	26	57	1	50	4,164
Total	1,548	1,548	1,185	150	213	..	..	17,932

Preservatives in Milk.

4,959 samples were examined for the preservatives Boric acid and Formalin. In 45 samples Boric acid was detected and in 15 Formalin in addition to Boric Acid was found.

Ghee.

264 samples of ghee were examined; 181 from the Assistant Health Officers for legal purposes, 1 from the Superintendent of Lepers Asylum, 1 from the Assistant Manager, Land and Bunder, 9 from the Municipal Analyst and 72 from private individuals. The samples from the Assistant Health Officers showed adulteration in 55 instances, while of those sent by private individuals, 32 were found adulterated. Of the samples taken for legal purposes 30 per cent. were adulterated.

Number of samples of ghee submitted under the Bombay Prevention of Adulteration Act of 1925 :—

Received from	Total.	Genuine.	Not genuine.	Percentage Adulterated.
Assistant Health Officer, A & B Wards ..	39	31	8	21.0
Do. do. C & D „ ..	68	52	16	24.0
Do. do. E Ward	34	25	9	26.0
Do. do. F „	33	15	18	55.0
Do. do. G „	7	3	4	57.0
Total ..	181	126	55	30.0

Legal action was taken in 45 cases with the results shown below :—

Received from	No. of samples not genuine.	Prosecutions.	Convictions.	Cases withdrawn.	Cases pending.	Fine.		Total amount of fines.
						Lowest.	Highest.	
						Rs.	Rs.	Rs.
Assistant Health Officer, A & B Wards	8	7	2	3 Acquitted (2)	..	15	40	55
Assistant Health Officer, C & D Wards	16	8	4	2	2	15	30	90
Assistant Health Officer, E Ward ..	9	9	7	..	2	10	50	160
Do. do. do. F „ ..	18	18	15	1	2	5	75	405
Do. do. do. G „ ..	4	3	2	..	1	10	15	25
Total ..	55	45	30	8	7	..	..	735

Butter.

173 samples of butter were examined. 160 were sent from the different wards for legal purposes as shown in the sub-joined statement, 1 from the Executive Health Officer and 1 from the Municipal Analyst. 11 were private samples.

Samples of butter submitted under the Bombay Prevention of Adulteration Act of 1925 :—

Received from	Total.	Genuine.	Not genuine.	Percentage adulterated.
Assistant Health Officer, A & B Wards ..	20	15	5	25·0
Do. do. C & D „ ..	18	15	3	17·0
Do. do. E Ward	8	7	1	13.0
Do. do. F „	84	66	18	21·0
Do. do. G „	30	16	14	47·0
Total ..	160	119	41	26·0

Legal action was taken in 38 cases with the results shown below :—

Received from	Not genuine.	Prosecutions.	Convictions.	Cases withdrawn.	Cases pending.	Fine.		Total amount of fines.
						Lowest.	Highest.	
						Rs.	Rs.	Rs.
Assistant Health Officer, A & B Wards	5	5	4	1	..	6	12	38
Assistant Health Officer, C & D Wards	3	3	3	..	..	7	40	67
Assistant Health Officer, E Ward ..	1	1	1	..	..	7	7	7
Do. do. F „ ..	18	18	13	3	2	5	50	390
Do. do G „ ..	14	11	9	..	2	6	40	199
Total ..	41	38	30	4	4	..	..	701

Vegetable Product.

15 Samples of " Vegetable Product " were examined out of which 12 were found to be genuine. In 3 samples a very small percentage of milk-fat was detected.

Tea-Dust.

48 samples of tea and tea-dust were received ; 1 from the Executive Health Officer and 47 from the different wards for legal purposes as shown below :—

Received from	Total.	Genuine.	Not genuine.	Percentage adulterated.
Assistant Health Officer, A & B Wards ..	4	2	2	50·0
Do. do. C & D „ ..	23	21	2	9·0
Do. do. E Ward	7	4	3	43·0
Do. do. F „	10	9	1	10·0
Do. do. G „	3	2	1	33·0
Total ..	47	38	9	20·0

Legal action was taken in 9 cases with the results shown below :—

Received from	Not genuine.	Prosecutions.	Convictions.	Cases withdrawn.	Cases pending.	Fines		Total amount of fines.
						Lowest.	Highest.	
						Rs.	Rs.	Rs.
Assistant Health Officer, A & B Wards.	2	2	2	...	...	5	7	12
Do. do. C & D ,,	2	2	2	...	...	5	5	10
Do. do. E Ward	3	3	2	...	1	3	7	10
Do. do. F ,,	1	1	1	...	...	10	10	10
Do. do. G ,,	1	1	1	...	...	10	10	10
Total ...	9	9	8	...	1	...	...	52

Oils.

20 samples of oils were examined, 15 from the Storekeeper, 4 from the Superintendent of Licenses and 1 from a private person.

Saccharine.

Only 2 samples of saccharine were received, both from the Assistant Health Officer, C & D Wards. Both were found adulterated and prosecutions were launched and ended in convictions and sentences of fines of Rs. 10 and Rs. 20 respectively.

Betel Nuts.

Of 13 samples of Betel Nuts from A & B Wards, 2 were found to be unfit for consumption.

Rifle Shots (Sweets)

6 samples in all were received from the different Wards. Three were found genuine and 3 found to contain silicates. In two cases prosecution was instituted ; the third case was not proceeded with, as the percentage of adulteration was negligible. In 1 case, a fine of Rs. 50 was inflicted. The other case is pending.

Tinned Food-stuffs.

35 tinned food-stuffs were examined out of which 31 were found unfit for human consumption.

Waters.

394 samples of waters were examined ; 195 from the public supply, 166 from wells, 14 from foreshores and 19 from other sources.

Samples for Diagnostic Purposes.

290 samples of Urine were examined chemically.

Miscellaneous.

Pig Lead	2	Sewage	1
Drugs	11	Enamel	1
Lime	13	Raspberry	2
		Miscellaneous	31
		Total ..	61

Bacteriological.

1,173 samples were examined Bacteriologically.

Milk.

3 samples of milk were examined for the total number of bacteria present.

Waters.

346 samples of waters were examined, 334 from the Public Municipal supply and 12 from other sources.

Disinfectants.

13 samples of disinfectants were examined to determine the Rideal-Walker Carbolic Acid Co-efficient.

Samples for Diagnostic Purposes.

Nature of samples.	Total.	Specific Organism.	
		Present.	Absent.
Blood for Malaria Parasites	652	175	477
,, ,, Widal	1	....	1
Swabs for Diphtheria..	57	....	57
Fæces	1	....	1
Discharge for Gonococci	6	2	4
,, ,, Spermatozoa	1	....	1
Stool for Cholera	2	....	2
Sputum for Tubercle Bacilli	56	6	50
Smears from Plague bubo	1	1	....
Total ..	777	184	593

Of the 652 samples of blood examined for Malarial parasites, 648 were sent from Municipal Dispensaries. Fifty-four swabs out of the 57 examined for the Diphtheric Bacillus were sent by the Assistant Health Officer of F Ward in connection with an outbreak of Diphtheria in one of the Municipal Schools.

Miscellaneous.

Larvæ	17	Tape Worm	1	Miscellaneous	12
Cowdung cakes	3	Insect	1		
				Total	34

C. COUTINHO,
D.Hy., B.Sc., L.M. & S., F.C.P.S.,
Municipal Analyst.

23rd April 1929.

Chemical.

The Statement of Bombay Waters Results (1928).

Bombay Waters.	January.		February.		March.		April.		May.	June.		July.		August.		September.		October.		November.		December	
Tansa Water.																							
Total Solids	11·0	11·0	11·0	11·0	11·0	11·0	11·0	11·0	11·0	10 0	12·0	12·0	12·0	13·0	11·0	12·0	12·0	11·0	11·0	11·0	12·0	11·0	12·0	11,0
Chlorine	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·1	1·2	1·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0
Free Ammonia	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
Albuminoid Ammonia	0·010	0·011	0·011	0·011	0·010	0·010	0·011	0 011	0·011	0·010	0·011	0·010	0·015	0·012	0·011	0·012	0·010	0·011	0·010	0·011	0·010	0·011	0·011	0·010
Oxygen absorbed at 80°F (Tidy's process)	0·036	0·035	0·038	0·038	0·035	0·036	0·038	0·038	0·038	0·038	0·042	0·038	0·058	0·048	0·046	0·038	0·040	0·042	0·038	0·040	0·040	0·040	0·040	0·036
Tulsi Water.																							
Total Solids	16·0	16·0	16·0	17·0	16·0	16·0	16·0	16·0	16·0	16·0	17·0	18·0	16·0	18·0	16·0	17·0	16·0	16.0	16·0	16·0	18·0	18·0	18·0	18·0
Chlorine	1·5	1·5	1·5	1·5	1·5	1·5	1·5	1·5	1·5	1·5	1·5	1·8	1·8	1·7	1·4	1·4	1·4	1·4	1·4	1·4	1·4	1·4	1·4	1·4
Free Ammonia	*Nil.*	*Nil.*	0·001	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0·001	0·001	*Nil.*	*Nil.*	0·002	0·001	0·002	*Nil.*	*Nil.*	*Nil.*	0·001	0·001	0·001	0·001	0·001	0·002	0·002
Albuminoid Ammonia	0·044	0·048	0·031	0·030	0·033	0·031	0·031	0·033	0·044	0·026	0·046	0·038	0·042	0·037	0·015	0·029	0·021	0·031	0·035	0·031	0·040	0·028	0·030	0·032
Oxygen absorbed at 80°F (Tidy's process.)	0·128	0·124	0·098	0·098	0·085	0·100	0·086	0·096	0·112	0·088	0·10	0·10	0·094	0·98	0·090	0·090	0·084	0·086	0·086	0·098	0·124	0·098	0·098	0·096
Vehar Water.																							
Total Solids	16·0	16·0	16·0	16·0	15·0	17·0	16·0	17·0	17·0	17·0	16·0	18·0	18·0	17·0	18·0	18·0	16·0	17·0	18·0	17·0	16·0	16·0	18·0	18·0
Chlorine	1·5	1·5	1·5	1·5	1·5	1·5	1·5	1·5	1·5	1·5	1·5	1·9	1·8	1·8	1·4	1·5	1·4	1·4	1·4	1·4	1·4	1·4	1·4	1·4
Free Ammonia	*Nil.*	0.005	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0·001	*Nil.*	*Nil.*	0 002	0·002	0·001	0·002	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0·001	0·001
Albuminoid Ammonia	0·036	0·026	0·030	0·030	0·026	0·040	0·032	0·034	0·035	0·040	0·048	0·028	0·043	0·036	0·030	0·027	0·035	0·034	0·039	0·042	0·042	0·038	0·032	0·035
Oxygen absorbed at 80° F (Tidy's process)	0·142	0·118	0·128	0·124	0·100	0·128	0·120	0·128	0·128	0·148	0·126	0·128	0·130	0·126	0·116	0·100	0·112	0·010	0·126	0·118	0·126	0·126	0·126	0·118

Results of Bacteriological Analysis of Bombay Waters during 1928.

Minimum No. of c.c. showing the presence of Lactose Fermenters.

Source.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.	
	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.
1. Tansa water from the tap in the compound of S. A. E.'s Bungalow at Ghatkopar.	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	5·0	1·0	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100
2. Tansa water from the Tansa Inlet at Malabar Hill Reservoir.	-in 100	100·0	-in 100	-in 100	100·0	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	5·0	5·0	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100
3. Tansa water from the outlet from Malabar Hill Reservoir.	100·0	100·0	100·0	100·0	100·0	100·0	100.0	100.0	-in 100	-in 100	-in 100	-in 100	5·0	1·0	100.0	100.0	-in 100	100·0	100·0	-in 90	-in 100	-in 100	-in 100	-in 100
4. Tansa water from 72" Tansa Main at Powai.	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	100·0	-in 100	-in 100	-in 100	-in 100	5·0	-in 100	..	..	..	..	..	..	..	..	..	..
5. Tansa water from Inlet at Bhandarwada Reservoir.	100·0	100·0	-in 100	-in 100	100·0	100.0	100.0	100.0	100.0	100.0	-in 100	100·0	5·0	1·0	100.0	-in 100	-in 100	100·0	-in 100	-in 90	100·0	-in 100	-in 100	100·0
6. Tansa water from outlet at Bhandarwada Reservoir.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	100·0	100·0	-in 100	100·0
7. Tansa water from Powai Chlorination Station.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100	-in 100
8. Tansa water from Santa Cruz	..	..	..	..	..	..	..	..	..	..	..	..	..	..	100·0	..	..	..	..	..	..	..	..	.
9. Tulsi water from Filters at Bhandup.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	50·0	100·0	-in 100	100·0

TABLE II.

Statement of samples received for Chemical Examination during the year ending 31st December 1928.

Received from	Bombay Waters.	Well Waters.	Waters from other sources	Milk.	Butter.	Ghee.	Vegetable product.	Tea.	Oils.	Rifle shots.	Urine.	Limes.	Betel Nuts.	Saccharine.	Tinned food-stuffs.	Miscellaneous.	Total.
Municipal Commissioner	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Executive Health Officer	..	..	..	..	1	..	..	1	..	..	..	..	..	..	6	18	26
Deputy Executive Health Officer	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	3	5
Hydraulic Engineer	122	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	125
Special Hydraulic Engineer	..	..	..	..	..	..	..	..	..	..	..	11	..	..	..	1	12
Superintendent of Licenses	..	..	..	2	..	..	..	..	4	..	..	..	..	..	..	1	7
Municipal Storekeeper	..	..	..	..	..	..	..	..	15	..	..	..	..	..	..	2	17
Assistant Health Officer, A & B Wards	..	26	..	1,046	20	39	12	4	..	1	..	..	13	..	27	4	1,192
„ „ „ C & D „	..	87	14	1,799	18	68	..	23	..	3	..	..	..	2	..	2	2,016
„ „ „ E Ward	..	3	..	924	8	34	..	7	..	2	..	..	..	..	2	..	980
„ „ „ F „	..	9	..	587	84	33	1	10	..	..	..	..	..	..	..	..	724
„ „ „ G „	..	39	..	603	30	7	2	3	..	..	..	..	..	..	..	..	684
Other Municipal sources	73	..	14	20	1	10	..	..	..	..	57	1	..	..	..	23	199
Private	..	..	4	13	11	73	..	..	1	..	233	1	..	..	..	4	340
Total ..	195	166	33	4,994	173	264	15	48	20	6	290	13	13	2	35	61	6,328

REPORT OF THE SUPERINTENDENT OF VACCINATION FOR THE YEAR 1928.

I was in continuous charge of the Department throughout the year, except from 19th September 1929 to 18th October 1929 when late Dr. M. A. D'Silva was in charge.

(1) **Vaccine Operations with Results.**—The following statement gives the number of persons primarily vaccinated and re-vaccinated during 1928, and the preceding 9 years with the percentage of successful operations :—

Year.	Primary Vaccinations.			Re-vaccination.	Total Number of persons vaccinated.
	Number of persons vaccinated.	Number successful.	Percentage of success.	Number of persons re-vaccinated.	
1919	14,669	12,820	87	16,949	31,618
1920	14,463	12,713	88	21,825	36,288
1921	18,267	15,399	84	20,341	38,608
1922	18,886	16,315	86	8,903	27,789
1923	20,293	16,558	82	21,153	41,446
1924	20,135	17,683	88	26,508	46,643
1925	20,400	18,848	92	15,220	35,620
1926	18,615	17,426	94	16,888	35,503
1927	20,374	18,748	92	29,196	49,570
1928	20,625	19,142	93	15,018	35,643

Out of the persons primarily vaccinated, 12,689 were born in Bombay and 7,936 were born out of the City compared with 14,758 and 5,616 respectively in the previous year.

Out of the Primary Vaccinations, 19,142 were ascertained to have been successful, the percentage of known successes being 93. This percentage would be raised to 99 by the exclusion of 1,382 cases, the results of which were not ascertained.

(2) **Result of Vaccination by Ages.**—The following table shows the results of Primary Vaccinations by age periods :—

Results.	Under 1 year.	1 to 6 years.	6 years and upwards.	Total.
Successful	13,658	5,351	133	19,142
Unsuccessful	64	34	3	101
Unknown	849	398	135	1,382
Total ..	14,571	5,783	271	20,625

(3) **Inspection of Results.**—The reports of the Vaccinators were checked in 4,580 cases by the Superintendent and 4,393 cases by the Head Vaccinator with the following results: -

Return of the Inspecting Officers.

Inspection.	By the Superintendent.	By the Head Vaccinator.
Number of cases inspected	4,580	4,399
„ „ Successful	4,575	4,393
„ „ Unsuccessful	5	6
Number successful per 100 inspected	99.0	99
„ 100 vaccinated	22·0	21

The percentage of success as ascertained by the inspecting Officers thus corresponded closely with the success reported by the Vaccinators.

(4) **Income.**—The following statement shows the proceeds from the sale of Lymph and the fees realized from vaccinations at private places, etc., during the year under report :—

Amount realized by sale of Lymph.	Municipal moiety of fees from private vaccinations.	Municipal fees (moiety only) for vaccination instructions to Medical Students.	Municipal fees for giving vaccination extracts, etc.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1,602 8 0	1,156 6 0	1,735 0 0	102 0 0	4,695 14 0

(5) **Cost of Single Operation**—The cost of each successful vaccine operation including all charges was Rs. 2-8-1 against Rs. 2-10-0 in the preceding year ; if the amount realized by the sale of lymph, by fees for private vaccination, etc. (Rs. 4,695-14-0) be deducted from the total expenditure, the cost works out at Rs. 2-6-0 against Rs. 2-5-0 for the last year. If calculated on the total number of vaccine operations the cost of each operation after deducting the proceeds from the sale of lymph from private vaccination, etc., comes to Rs. 1-2-0 against Rs. 0-14-0 for the last year.

(6) **Postponement Certificates.**—During the year under report 206 Certificates of Postponement were granted.

(7) **Prosecution.**—There was no prosecution during the year, either for failure to bring infants for vaccination or for failure to present them for inspection 7 days after the operation.

(8) **Ill-effects by Vaccination.**—No serious ill-effects following vaccination were observed or reported during the year under report.

(9) **Instructions to Students.**—During the year under report 298 Civil Medical pupils and 47 other private students from mofussils attended the Public Vaccination Stations for instructions in " vaccinations."

(10) **Vaccination of Pilgrims.**—The number of pilgrims who left Bombay for the Haj during the year was 10,640 ; out of these, 9,858 or 93.0 per cent. were vaccinated in Bombay before embarkation.

The following table shows the number of males and females and the number of primary vaccinations and re-vaccinations performed amongst the pilgrims by the Special Staff engaged for the work :—

——	Males.	Females.	Total.
Primary Vaccinations	35	79	114
Re-vaccinations	7,826	1,916	9,742
Total ..	7,861	1,995	9,856

(11) The vaccine Lymph used is obtained from the Director, Vaccine Institute, at Belgaum.

(Sd.) K. N. CHOKSY,
M.B.B.S. (BOM.), D.P.H., D.T.M. (LON.), etc.,
Ag. Superintendent of Vaccination,
Parel, Bombay

BOMBAY, 30*th April* 1929.

1
POPULATION BY SECTIONS.

1		2			3		
		Population.					
Ward.	Section.	By the Census of 1921.			As Estimated in the Middle of the Year 1928.		
		Males.	Females.	Total.	Males.	Females.	Total.
A	Upper Colaba	2,813	934	3,747	2,788	926	3,714
	Middle and Lower Colaba	13,758	6,290	20,048	13,796	6,307	20,103
	Fort South	3,469	684	4,153	3,798	749	4,547
	Fort North	19,642	11,279	30,921	21,662	12,439	34,101
	Esplanade	11,591	3,980	15,571	11,489	3,915	15,434
B	Mandvi	25,789	12,823	38,612	27,822	13,834	41,656
	Chukla	16,533	6,463	22,996	16,388	6,406	22,794
	Umerkhadi	29,635	17,583	47,218	29,980	17,788	47,768
	Dongri	12,596	8,153	20,749	12,486	8,082	20,568
C	Market	27,008	8,072	35,080	29,134	8,708	37,842
	Dhobi Talao	27,873	14,298	42,171	29,070	14,912	43,982
	Fanaswadi	19,732	10,373	30,105	20,666	10,864	31,530
	Bhuleshwar	23,744	10,878	34,622	23,535	10,782	34,317
	Khara Talao	16,038	7,887	25,925	16,295	8,013	24,308
	Kumbharwada	21,726	10,755	32,481	23,532	11,649	35,181
D	Khetwadi	24,481	15,134	39,615	27,234	16,836	44,070
	Girgaum	22,333	13,670	36,003	24,163	14,790	38,953
	Chowpati	8,870	5,390	14,260	9,907	6,020	15,927
	Walkeshwar	11,502	6,609	18,111	14,367	8,256	22,623
	Mahalakshmi	24,197	13,843	38,040	28,653	16,393	45,046
E	Mazagon	23,130	13,643	36,773	25,563	15,078	40,641
	Tarwadi	26,724	13,993	40,717	31,535	16,512	48,047
	2nd Nagpada	14,583	8,520	23,103	15,010	8,769	23,779
	Kamathipura	27,369	17,216	44,585	30,135	18,956	49,091
	Tardeo	19,650	12,336	31,986	21,102	13,247	34,349
	Byculla	58,370	32,970	91,340	64,249	36,291	100,540
	1st Nagpada	5,131	2,514	7,645	5,604	2,746	8,350
F	Parel	38,164	22,032	60,196	43,664	25,207	68,871
	Sewri	17,126	11,519	28,645	20,557	13,826	34,383
	Sion	34,507	21,937	56,444	44,050	28,004	72,054
G	Mahim	29,425	18,705	48,130	35,909	22,826	58,735
	Worli	78,444	41,346	119,790	90,111	47,496	137,607
Harbour, Docks, Railways and Unknown		35,379	2,753	38,132	35,068	2,729	37,797
	Total ...	771,332	404,582	1,175,914	849,322	449,386	1,298,708

TABLE showing the Area, Density of Population, the Number of Births, the Birth-rate and Deaths under One Year per 1,000 Births by Sections in 1928.

1	2	3	4	5			6	7	8
Ward.	Section.	Area in Acres.	Average Population per Acre calculated on the Census Population of 1921.	Number of Births registered.			Number of Births per 1,000 of Population.	Mean ratio of Births per 1,000 of Population during the preceding 5 Years.	Deaths under 1 Year per 1,000 Births.
				Males.	Females.	Total.			
A	Upper Colaba	163	23	58	44	102	27·4	24·7	274
	Middle and Lower Colaba	279	72	172	163	335	16·6	13·9	273
	Fort, South	133	31	27	22	49	10·8	6·5	82
	Fort, North	159	195	295	285	580	17·0	14·4	253
	Esplanade	710	22	208	194	402	26·0	16·4	177
B	Mandvi	187	206	210	211	421	10·1	8·8	363
	Chukla	47	489	244	178	422	18·5	17·0	244
	Umarkhadi	101	469	605	605	1,210	25·3	21·6	287
	Dongri	302	69	179	166	345	16·8	17·6	281
C	Market	85	412	215	218	433	11·4	10·0	409
	Dhobi Talao	118	357	440	379	819	18·6	16·5	314
	Fanaswadi	99	306	332	309	631	20·0	16·5	396
	Bhuleshwar	75	471	309	294	603	17·6	15·5	380
	Khara Talao	41	582	266	260	526	21·6	19·7	296
	Kumbharwada	44	737	285	278	563	16·0	13·3	353
D	Khetwadi	155	256	419	399	818	18·6	16·7	273
	Girgaum	112	320	418	380	798	20·5	16·7	293
	Chowpati	109	131	189	162	351	22·0	19·2	151
	Walkeshwar	590	31	187	171	358	15·8	15·2	304
	Mahalakshmi	659	58	397	401	798	17·7	17·3	147
E	Mazagon	1,075	34	397	342	739	18·2	19·1	325
	Tarwadi	499	82	444	405	849	17·7	18·3	362
	2nd Nagpada	83	699	256	222	478	20·1	19·3	360
	Kamathipura	62	714	435	445	880	17·9	17·0	348
	Tardeo	150	213	394	326	720	21·0	19·5	371
	Byculla	568	161	841	772	1,613	16·0	17·1	508
	1st Nagpada	29	260	98	122	220	26·3	23·5	159
F	Parel	561	107	739	633	1,372	19·9	16·0	261
	Sewri	578	50	322	299	621	18·1	17·6	317
	Sion	3,559	16	816	749	1,565	21·7	18·9	277
G	Mahim	1,511	32	759	721	1,486	25·2	23·4	286
	Worli	2,273	53	1,510	1,370	2,880	20·9	19·1	286
	Harbour, Docks, Railways and Unknown	.....	.....	16	20	36	·9	1·3	.....
	Total	15,065	78	12,472	11,545	24,017	18·5	16·8	311

3

TABLE of population and Births by Communities or castes, in 1928.

Caste or Community.	Population.		Births.		
	By the Census of 1921.	As Estimated for 1928.	Total 1928.	Number per 1,000. 1928.	1927.
Jains	23,884	26,021	332		
Brahmins	72,400	84,100	916		
Lingaits	866	866	214	16·0	13·9
Bhatias	9,015	9,784	156		
Banias	58,824	63,118	571		
Hindus of other castes	560,951	601,895	10,424		
Hindus, Low Castes	135,634	186,478	4,005	21·4	20·5
Mussalmans	184,685	187,985	4,017	21·3	20·0
Parsees	52,234	53,036	1,227	23·1	22·5
Jews	7,548	8,142	254	31·2	30·1
Indian Christians	48,719	53,363	1,476	27·6	24·8
Anglo-Indians	4,724	5,055	234	46·2	43·5
Europeans	14,726	16,495	160	9·7	9·9
Buddhists	1,645	2,311	24	10·4	10·8
Other and Unknown Castes ...	59	59	7	118·6	50·8
Total ..	1,175,914	1,298,708	24,017	18·5	16·7

TABLE showing Cases of Infectious Diseases notified from all sources during the Year 1928.

1	2	3											
		Total Number of Cases notified in each Section.											
Ward.	Section.	Cholera.	Small-pox.	Plague.	Enteric fever.	Diphtheria.	Relapsing fever.	Puerperal fever.	Tuberculosis.	Leprosy.	Influenzal Pneumonia.	Cerebro Spinal Meningitis.	Total.
A	Upper Colaba	..	.	..	1	..	..	..	2	..	..	..	3
	Middle and Lower Colaba	6	11	8	7	2	..	..	7	..	..	..	41
	Fort, South	..	3	..	1	..	..	..	2	..	..	..	6
	Fort, North	4	46	2	11	1	..	..	20	..	1	1	86
	Esplanade	1	24	9	4	..	..	..	8	..	..	1	47
B	Mandvi	..	17	28	5	1	..	..	71	1	2	..	125
	Chukla	..	12	10	5	2	..	..	60	1	1	..	91
	Umarkhadi	1	41	12	3	..	..	1	72	..	3	1	134
	Dongri	..	11	7	3	..	..	..	17	..	..	..	38
C	Market	2	45	8	4	..	..	1	49	4	..	1	114
	Dhobi Talao	..	123	13	19	3	..	2	56	3	4	..	223
	Fanaswadi	3	48	4	6	2	..	1	43	..	2	..	109
	Bhuleshwar	1	51	10	4	..	..	2	98	..	..	2	168
	Khara Talao	..	23	3	4	..	..	3	85	..	2	..	120
	Kumbharwada	..	18	2	2	..	..	3	49	..	1	1	76
D	Khetwadi	1	21	5	12	1	..	2	67	1	3	..	113
	Girgaum	6	20	3	9	1	..	..	57	2	1	..	99
	Choupati	..	9	3	5	..	..	2	29	1	..	..	49
	Walkeshwar	1	12	..	4	2	..	1	25	..	..	..	45
	Mahalakshmi	..	23	4	13	3	..	5	67	..	1	..	116
E	Mazagon	1	24	12	3	2	..	..	53	2	1	..	98
	Tarwadi	1	17	9	5	2	..	..	128	..	1	..	163
	2nd Nagpada	9	25	2	3	..	..	..	54	..	..	..	93
	Kamathipura	3	38	2	3	1	..	..	126	..	..	..	173
	Tardeo	..	24	4	5	1	..	..	48	..	3	1	86
	Byculla	..	122	15	6	6	..	..	186	3	4	..	342
	1st Nagpada	..	8	..	1	..	..	..	12	1	..	1	23
F	Parel	..	25	2	16	5	..	1	81	1	2	..	133
	Sewri	..	9	6	2	..	..	..	14	..	1	..	32
	Sion	1	47	13	19	2	..	1	80	1	4	..	168
G	Mahim	..	87	67	14	3	..	7	55	6	..	1	240
	Worli	7	29	32	14	2	..	3	76	1	2	1	167
	Harbour, Docks, Railways, and Unknown	..	7	1	..	1	..	..	..	..	..	..	11
	Total ...	48	1,020	296	213	43	..	35	1,799	28	39	11	3,532

TABLE of Cases treated at all the Municipal Dispensaries during 1928.

Description of Disease or Injury.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Dengue Fever	...	3	2	1	...	...	...	...	3	...	4	2	15
Enteric Fever	...	...	...	...	...	...	...	...	...	...	...	...	...
Small-pox	...	...	2	...	...	...	...	...	...	...	...	...	2
Plague	...	...	1	2	2	...	...	1	...	...	2	...	7
Influenza	93	51	54	121	84	70	38	65	66	70	107	67	886
Cholera	...	...	...	...	...	...	1	...	...	...	...	...	1
Dysentery	95	59	66	82	90	65	131	207	132	82	69	59	1,137
Diarrhœa	124	124	124	164	122	120	251	253	151	156	13	185	1,906
Malarial Fevers	844	631	595	622	701	584	921	1,358	2,157	2,807	2,139	1,295	14,654
Fever not defined	367	344	371	538	655	454	556	617	691	821	722	425	6,561
Rickets	7	1	4	5	4	5	5	10	3	11	7	5	67
Phthisis	17	11	6	18	14	6	2	6	5	12	11	5	113
Tuberculosis of Glands	5	1	4	4	1	3	2	3	5	5	5	2	40
Tuberculosis of Joints	2	2	4	2	4	...	...	3	4	1	3	1	26
Bronchitis	770	638	717	841	801	545	770	673	924	1,033	1,026	722	9,460
Pneumonia	32	27	44	27	33	15	11	16	30	25	36	16	312
Rheumatism	122	80	97	112	103	83	97	84	74	101	76	79	1,108
Heart Disease	3	1	1	...	2	1	2	...	...	1	3	1	15
Disease of the Kidney	4	2	3	4	3	2	5	1	5	12	5	2	48
Gonorrhœa	24	15	19	19	21	24	25	29	27	27	21	14	265
Syphilis	41	22	31	22	21	17	19	22	23	23	21	17	279
Other Venereal Diseases	6	2	6	1	...	3	6	10	1	7	10	7	59
Cancer	...	...	1	...	...	...	...	...	1	...	3	2	6
Abscess	56	60	61	48	77	86	86	47	41	55	57	47	721
Diseases of the Teeth	179	163	198	233	231	203	209	241	197	222	188	194	2,448
Ophthalmia	9	4	5	5	5	7	16	6	...	7	5	1	70
Corneal Ulcer	3	3	2	3	...	1	21	26	6	3	1	2	71
Other Disease of the Eye	108	86	105	107	113	82	78	99	103	103	113	103	1,200
Ringworm	151	127	185	194	223	265	473	495	434	330	226	238	3,341
Other Disease of the Skin	740	676	651	645	756	631	759	1,000	1,117	977	907	860	9,719
Fractures	1	...	...	1	...	2	1	...	...	...	...	...	5
Other Injuries	270	239	307	301	302	340	387	327	293	296	220	236	3,518
Other Diseases	1,832	1,605	1,805	2,237	2,397	2,054	2,366	2,517	2,349	2,614	2,225	1,987	25,988
Total New Cases	5,905	4,977	5,471	6,349	6,765	5,668	7,238	8,116	8,812	9,801	8,342	6,574	84,048

Note :—This Table does not include the number of patients treated at the two Dispensaries for Tuberculosis (*see* p. 17) and at those for Women and Children (*see* p. 30).

TABLE of DEATHS from All Causes by Sections and Age-periods in 1928.

1	2	3	4	5	6	7	8	9	10	11	12	13	14			15	16	
Ward.	SECTION	Under 1 year.	1 to 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 30 years.	30 to 40 years.	40 to 50 years.	50 to 60 years.	60 years and upwards.	Age. Unspecified.	Total Deaths.			Number of Deaths among Males to 100 Deaths among Females.	Ratio of Deaths per 1,000 of Population.	
													Male.	Female.	Persons		1928.	Mean during the previous 5 years.
A	Upper Colaba	28	7	2	1	2	20	9	5	4	7	...	49	36	85	136	22·9	24·4
	Middle and Lower Colaba	91	58	9	12	12	41	40	24	28	50	...	219	146	365	150	18·1	19·3
	Fort, South	4	6	1	1	...	6	5	4	5	3	...	24	11	35	218	7·7	13·1
	Fort, North	147	71	14	12	18	75	64	43	50	64	...	314	244	558	129	16·4	21·0
	Esplanade	71	42	9	12	14	40	49	32	27	34	...	211	119	330	177	21·4	26·5
B	Mandvi	153	90	21	11	42	99	65	61	55	65	...	359	313	672	115	16·1	20·3
	Chukla	103	69	13	18	18	58	43	37	45	64	...	246	222	468	111	20·5	25·1
	Umarkhadi	347	231	47	42	51	163	147	136	93	154	...	746	665	1,411	112	29·5	32·1
	Dongri	97	58	5	9	17	53	48	27	32	35	...	227	154	381	147	18·5	26·0
C	Market	177	91	18	13	29	76	72	41	55	48	...	330	290	620	114	16·4	17·3
	Dhobi Talao	257	121	26	24	26	105	80	59	68	123	...	483	406	889	119	20·2	22·7
	Fanaswadi	187	113	20	19	28	66	56	44	38	76	...	349	298	647	117	20·5	23·3
	Bhuleshwar	229	135	17	24	40	94	87	59	64	102	...	443	408	851	109	24·8	28·1
	Khara Talao	156	109	20	13	30	78	54	51	46	71	...	335	293	628	114	25·0	30·4
	Kumbharwada	199	98	25	12	35	71	58	51	39	89	...	354	323	677	110	19·9	21·6
D	Khetwadi	223	101	24	19	16	88	98	71	60	108	...	423	386	808	109	18·3	24·4
	Girgaum	234	92	28	13	32	92	76	53	64	75	...	378	381	759	99	19·5	24·2
	Chowpati	53	40	10	4	12	29	38	24	18	24	...	148	104	252	142	15·8	21·9
	Walkeshwar	73	26	7	6	5	33	26	29	20	46	...	160	111	271	144	12·0	15·3
	Mahalakshmi	117	107	24	21	21	78	79	67	62	133	...	445	364	809	122	17·9	23·4
E	Mazagon	240	107	27	20	21	104	104	51	50	92	..	468	348	816	134	20·1	31·2
	Tarwadi	307	168	27	13	29	104	131	81	73	114	...	569	478	1,047	119	21·8	37·8
	2nd Nagpada	172	110	22	18	21	60	73	46	43	98	...	344	319	663	108	27·9	37·0
	Kamathipura	306	168	47	31	40	135	127	78	75	153	...	806	554	1,160	109	23·6	30·3
	Tardeo	267	163	27	19	28	88	96	67	52	124	...	503	428	931	118	27·1	28·1
	Byculla	819	387	66	46	78	287	234	141	140	257	...	1,316	1,139	2,455	116	24·4	31·9
	1st Nagpada	35	22	9	3	3	22	25	13	10	26	...	87	80	167	109	20·0	25·1
F	Parel	358	182	41	38	54	169	178	84	106	145	...	766	589	1,355	130	19·7	24·5
	Sewri	197	105	24	16	15	66	73	48	32	81	...	343	314	657	109	19·1	29·0
	Sion	434	273	35	30	54	189	193	115	90	165	...	862	716	1,578	120	21·9	29·9
G	Mahim	424	222	72	40	48	188	142	92	76	199	...	787	716	1,503	110	25·6	28·8
	Worli	823	481	71	46	76	326	341	200	170	304	...	1,570	1,268	2,840	124	20·6	30·7
	Harbour, Docks, Railway and Unknown	40	7	4	13	24	147	181	90	52	68	...	503	123	626	408	16·6	21·5
	Total	7,468	4,060	812	619	939	3,250	3,102	2,023	1,842	3,197	...	14,966	12,346	27,312	121	21·0	26·7

TABLE of DEATHS by Race and Age in 1928.

RACE OR CASTE.	Under 7 days.	One to four weeks.	4 weeks to 6 months.	6 to 12 months.	1 to 2 years.	2 to 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 30 years.	30 to 40 years.	40 to 50 years.	50 to 60 years.	60 years and over	Age unspecified.	All ages.
Jains	32	11	52	111	106	37	13	13	34	79	69	49	35	38	...	679
Brahmins	66	43	111	150	113	69	29	30	60	168	120	80	95	116	...	1,250
Lingaits	23	9	38	29	33	36	12	13	9	32	19	15	13	23	...	304
Bhatias	10	5	13	12	13	6	1	1	5	14	13	13	21	18	...	148
Banias	26	7	54	105	55	24	11	12	14	49	44	42	39	45	...	527
Hindus of Other Castes	808	495	812	1,105	895	769	398	245	424	1,536	1,513	909	791	1,314	...	12,014
Hindus, Low Caste	274	181	367	510	508	436	117	90	90	330	330	200	160	345	...	3,938
Mussalmans	255	154	437	470	395	340	171	168	247	815	724	493	425	785	...	5,879
Parsees	38	17	25	57	37	18	11	14	7	56	74	68	115	319	...	856
Jews	6	3	11	8	12	13	4	3	5	12	15	13	12	38	...	155
Indian Christians	63	86	203	104	64	66	39	25	41	131	151	107	90	118	...	1,288
Anglo-Indians	8	4	8	11	3	3	2	5	2	14	11	15	17	15	...	118
Europeans	3	1	2	4	...	3	3	...	...	6	14	10	21	20	...	87
Negro Africans	..	...	...	1	4	2	...	...	...	1	1	3	1	1	...	14
Buddhists	1	2	...	2	...	...	1	...	1	6	4	6	4	2	...	29
Other and Unknown	23	1	1	...	...	...	...	...	...	1	...	...	...	...	...	26
Total	1,636	1,019	2,134	2,679	2,238	1,822	812	619	939	3,250	3,162	2,023	1,842	3,197	...	27,212

DEATHS from Certain Causes by Months in 1928.

Cause of Death.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Cholera	1	...	3	1	...	...	6	8	5	6	3	1	34
Small-pox	14	56	137	135	101	55	41	23	15	9	2	9	597
Measles	9	11	18	22	7	3	4	1	2	2	1	6	86
Plague...	9	29	50	79	50	12	2	5	8	7	5	1	257
Malaria	27	18	14	28	16	18	21	33	28	31	38	23	295
Ague and Remittent Fever	133	117	121	151	141	82	66	118	111	122	141	128	1,431
Enteric Fever	11	14	14	9	20	9	12	6	11	15	6	10	137
Fever not defined	10	8	21	9	16	13	13	9	13	20	17	11	160
Diarrhœa, and Enteritis	64	69	85	64	67	56	81	87	63	54	55	50	795
Dysentery	43	30	28	24	28	26	36	39	36	25	24	33	372
Tuberculous Diseases	148	154	139	147	156	134	128	154	162	155	130	157	1,764
Influenza	5	7	7	8	8	6	3	3	6	8	11	7	79
Respiratory Diseases	809	963	986	1,104	992	761	790	755	755	846	908	859	10,468
Injuries	69	48	69	50	50	51	58	53	57	46	60	44	655
All other causes	933	835	803	774	775	697	846	818	864	965	958	914	10,182
Total ...	2,285	2,299	2,495	2,605	2,427	1,923	2,107	2,112	2,136	2,311	2,359	2,253	27,312

9

TABLE of DEATHS by Causes

Wards.	SECTIONS.	1 Enteric Fever.	2 Small-pox.	3 Measles.	4 Scarlet Fever.	5 Whooping Cough.	6 Diphtheria and Croup.	7 Influenza.	9 Phthisis (Pulmonary Tuberculosis.)	11 Other Tubercular Diseases.	12 Cancer, Malignant Disease.	13 Rheumatic Fever.	14 Meningitis.	15 Organic Heart Disease.	16 Bronchitis.	17 Pneumonia (all forms).	18 Other Diseases of the Respiratory Organs.	19 Diarrhœa and Enteritis.	20 Appendicitis and Typhlitis.
A	Upper Colaba	...	...	...	...	...	...	...	10	...	...	...	...	2	2	21	6	1	...
	Middle and Lower Colaba	...	4	..	...	...	1	1	18	5	4	...	1	3	26	107	15	11	...
	Fort, Southern	1	...	...	...	...	...	...	1	1	...	...	...	1	...	12	...	1	...
	Fort, Northern	10	12	...	...	1	...	5	41	6	6	1	2	12	17	161	20	14	...
	Esplanade	4	5	...	...	1	...	...	28	3	2	1	3	1	22	106	10	9	...
B	Mandvi	5	11	...	...	...	1	3	62	13	2	...	5	5	34	260	22	17	1
	Chukla	3	6	...	...	...	1	3	52	8	1	...	3	6	13	141	43	9	...
	Umarkhadi	3	21	14	...	...	...	4	52	5	7	3	1	6	32	511	110	24	...
	Dongri	3	2	1	...	...	...	...	11	3	...	...	...	4	7	152	18	10	...
C	Market	1	32	4	...	...	...	...	35	5	4	1	3	5	19	210	17	13	...
	Dhobi Talao	8	59	3	..	1	1	6	47	4	6	1	3	15	37	196	16	38	3
	Fanaswadi	4	34	10	..	...	...	3	36	4	5	1	5	3	39	165	14	20	2
	Bhuleshwar	2	45	4	...	...	...	1	81	7	3	...	6	5	71	237	54	27	1
	Khara Talao	3	20	2	...	...	...	3	73	5	3	1	1	2	43	184	36	17	...
	Kumbharwada	2	15	3	...	...	...	1	46	2	6	...	1	8	51	213	29	15	...
D	Khetwadi	6	15	2	...	...	1	6	56	8	7	2	2	12	80	193	15	30	3
	Girgaum	9	18	3	...	...	...	3	47	5	9	...	1	5	91	211	29	7	2
	Chowpati	2	2	2	...	1	...	1	24	3	3	...	...	4	16	59	6	6	...
	Walkeshwar	2	1	1	...	...	1	4	17	3	3	1	2	4	14	66	7	6	1
	Mahalakshmi	6	12	...	...	...	...	3	50	10	11	2	2	7	73	219	23	32	1
E	Mazagon	1	13	3	...	...	3	2	41	6	2	...	3	6	20	290	36	18	1
	Tarwadi	4	5	3	...	...	1	2	48	4	9	1	1	7	54	362	44	23	...
	2nd Nagpada	3	20	4	...	...	...	...	50	6	2	...	...	5	26	170	29	12	1
	Kamathipura	3	30	...	...	...	...	...	119	3	3	...	...	3	47	313	69	43	1
	Tardeo	2	16	2	...	...	...	6	31	7	6	1	2	8	28	326	58	32	1
	Byculla	4	77	...	...	...	2	6	157	16	11	...	3	13	13	924	166	65	1
	1st Nagpada	...	4	...	...	...	...	...	8	1	1	...	2	2	8	48	5	2	...
F	Parel	9	9	4	...	1	2	5	50	7	9	2	6	10	156	310	57	44	...
	Sewri	1	8	...	...	...	...	1	6	3	1	...	...	1	69	167	16	28	1
	Sion	13	25	2	...	1	...	5	47	7	5	2	5	13	154	322	34	87	...
G	Mahim	10	46	1	...	1	2	2	41	7	5	2	7	11	112	349	26	54	2
	Worli	12	25	18	...	...	...	3	54	9	4	2	7	14	181	736	46	60	2
	Harbour, Docks, Railways and Unknown ...	1	5	...	...	...	...	...	126	23	7	1	9	13	8	84	14	31	3
	TOTAL ..	137	597	86	...	7	16	79	1,565	199	147	25	86	216	1,553	7,825	1,090	795	2

and Sections in 1928.

21	22	23	24	25	26	27	28										29	TOTAL.
							OTHER DEFINED DISEASES.											
Cirrhosis of Liver.	Nephritis and Bright's Disease.	Puerperal Fever.	Other accidents and Diseases of Pregnancy and Parturition.	Congenital Debility and Malformation including Premature Birth.	Violent Deaths, excluding suicide.	Suicide.	A Plague.	B Kala-Azar.	C Malaria.	CC Ague and Remittent Fever.	D Relapsing Fever.	E Fever not defined.	F Cholera.	G Dysentery.	H Leprosy.	K Other Defined Diseases.	Diseases ill-defined or unknown.	
...	2	...	2	12	2	...	...	...	2	...	...	1	...	2	...	18	2	85
1	4	2	3	46	10	2	7	...	5	...	...	..	3	9	...	71	6	365
...	...	...	...	3	4	...	...	...	2	...	...	...	...	1	...	8		35
1	3	2	3	69	21	6	2	...	8	3	...	3	3	7	...	99	20	558
1	1	...	3	36	8	1	8	...	7	2	...	...	...	8	1	52	7	330
1	8	8	3	38	14	4	19	...	6	9	...	2	...	5	...	116	8	672
...	3	3	3	27	4	2	9	...	5	6	...	1	...	5	...	102	9	468
1	3	10	6	103	28	1	12	...	5	66	...	2	...	17	...	365	9	1,411
...	1	3	1	33	10	...	7	...	2	21	...	...	1	5	...	84	2	381
...	9	3	2	48	16	3	5	...	8	2	...	...	2	5	...	157	12	620
5	21	2	13	99	11	4	11	...	10	3	...	4	...	12	...	235	15	889
2	14	2	4	73	11	1	4	...	6	8	...	4	3	10	...	150	10	647
8	4	5	2	54	17	2	6	...	3	10	...	1	...	5	...	182	8	851
1	6	5	1	46	11	1	2	...	1	11	...	1	...	6	...	139	4	628
1	3	7	1	62	15	2	3	...	1	15	...	1	...	6	...	163	5	677
2	12	4	8	76	11	3	3	...	7	12	...	5	1	8	...	211	7	808
...	5	1	7	65	15	2	1	...	4	20	...	9	5	7	...	171	7	759
5	4	4	1	19	7	5	1	...	5	5	...	1	...	7	...	56	3	252
4	6	1	...	32	7	2	...	..	3	3	...	1	1	4	...	73	1	271
1	14	4	4	113	10	6	4	...	7	12	...	2	...	14	...	158	9	809
1	8	1	1	95	20	4	11	...	14	49	...	6	1	10	...	139	11	816
5	10	1	5	133	18	3	4	...	31	54	...	6	...	10	...	182	18	1,047
...	3	...	3	60	7	1	2	...	28	34	...	5	5	3	...	180	4	663
1	3	1	3	143	18	3	1	...	38	38	...	10	2	9	...	246	10	1,180
1	6	...	2	119	10	2	1	...	6	29	...	3	...	5	...	215	6	931
2	10	5	6	352	26	7	15	...	7	109	...	21	...	20	...	400	18	2,456
...	1	...	...	13	1	...	...	...	1	5	...	...	...	3	...	58	3	166
4	13	2	8	176	20	1	1	...	7	136	...	10	...	34	...	236	26	1,355
1	1	...	4	95	18	2	7	...	4	112	...	...	...	11	...	97	3	657
2	5	2	11	317	41	5	7	...	17	132	...	43	1	32	71	249	21	1,578
12	10	8	2	222	24	4	66	...	11	114	...	9	...	22	...	305	16	1,503
13	21	6	15	424	42	4	30	...	19	411	...	7	5	55	...	594	19	2,838
5	13	...	4	14	85	10	8	...	15	...	...	2	1	15	1	111	27	626
81	227	92	131	3,106	562	93	257	...	295	1,431	...	160	34	372	73	5,622	326	27,312

COMPARATIVE TABLE of BIRTHS and DEATHS from some of the PRINCIPAL CAUSES during 1928 and the preceding 10 years.

YEAR.	Births (excluding still-born.)		Total Deaths		Plague.		Small-pox.		Measles.		Cholera.		Influenza.		Enteric Fever.		Malaria.		Ague and Remittent Fever.		Tuberculosis.		Diarrhœa, Enteritis and Dysentery.		Respiratory Diseases.		Deaths under 1 year.		Deaths of Children (1 to 5 years.)		Still-born.
	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000 Births Registered.	No. Registered.	Per cent. of total Deaths.	
1918 ..	21,733	22·2	58,388	59·6	1,143	1·2	1,024	1·0	486	0·5	1,662	1·7	3,964	4·0	125	0·1	200	0·2	4,219	4·3	2,513	2·6	3,267	3·3	23,487	24·0	12,829	590·3	7,479	12·8	2,066
1919 ...	20,730	21·2	68,610	70·0	702	0·7	780	0·8	561	0·6	8,455	8·6	1,942	2·0	131	0·1	262	0·3	5,071	5·2	2,780	2·8	5,280	5·3	24,055	24·5	13,534	652·8	8,501	12·4	2,014
1920 ...	19,781	20·1	45,839	46·8	282	0·3	294	0·3	118	0·1	119	0·1	1,605	1·6	157	0·2	311	0·3	3,216	3·3	1,841	1·9	3,571	3·6	18,737	19·1	10,896	552·2	5,675	12·6	1,878
1921 ...	19,125	16·3	53,609	45·6	811	0·7	406	0·3	201	0·2	70	0·1	1,389	1·2	152	0·1	545	0·5	4,234	3·6	1,614	1·4	4,957	4·2	21,982	18·7	12,751	666·7	7,397	13·9	2,082
1922 ..	20,452	17·0	37,397	31·1	632	0·5	61	0·1	23	0·0	15	0·0	528	0·4	123	0·1	485	0·4	2,703	2·2	1,473	1·2	3,729	3·1	13,614	11·3	8,236	402·7	4,874	13·1	1,916
1923 ...	20,995	17·2	37,959	31·1	1,329	1·1	479	0·4	142	0·1	189	0·1	250	0·3	137	0·1	403	0·3	2,692	2·2	1,371	1·1	3,305	2·7	14,099	11·5	8,632	411·1	5,240	13·8	1,942
1924 ...	21,838	17·6	38,774	31·3	409	0·3	1,242	1·0	199	0·2	34	0·0	118	0·1	172	0·1	488	0·4	2,679	2·2	1,568	1·3	3,569	2·9	14,410	11·6	9,156	419·3	6,019	15·5	1,821
1925 ...	20,268	16·1	31,968	25·4	174	0·1	570	0·4	152	0·1	12	0·0	94	0·1	156	0·1	581	0·5	2,337	1·8	1,404	1·1	2,504	2·0	12,151	9·6	7,212	355·8	4,994	15·6	1,716
1926 ...	21,068	16·5	31,991	25·0	56	0·0	480	0·4	136	0·1	5	0·0	90	0·1	135	0·1	635	0·5	2,004	1·6	1,755	1·4	2,332	1·8	11,901	9·3	8,200	389·2	5,343	16·7	1,676
1927 ...	21,685	16·7	27,633	21·3	207	0·2	842	0·6	96	0·1	82	0·1	79	0·1	146	0·1	365	0·2	1,683	1·2	1,748	1·3	1,483	1·1	9,949	7·6	6,857	316·2	4,275	15·5	1,780
Average of 1918-1927.	20,762	17·9	43,207	37·2	574	0·5	618	0·5	211	0·2	1,064	0·9	1,006	0·9	143	0·1	427	0·4	3,079	2·6	1,807	1·5	3,400	2·9	16,438	14·1	9,830	473·5	5,980	13·8	1,889
Average of 1923-1927.	21,171	16·8	33,665	26·7	435	0·3	723	0·6	145	0·1	64	0·1	126	0·1	149	0·1	494	0·4	2,269	1·8	1,569	1·2	2,639	2·1	12,502	9·9	9,211	435·1	5,174	15·4	1,787
1928 ...	24,017	18·5	27,312	21·0	257	0·2	597	0·4	86	0·1	34	0·0	79	0·1	137	0·1	295	0·2	1,431	1·1	1,764	1·3	1,167	0·9	10,468	8·1	7,468	310·9	4,060	14·9	1,826

11

TABLE OF DEATHS BY CAUSES IN 1928.

Note.—The Nomenclature and the Classification Numbers in this Table are in accordance with the 1912 Edition of the Manual of the International List of Causes of Deaths as adapted for use in England and Wales.

Classification No.	Specific Causes of Death.	Number of Deaths.
	I.—General Diseases.	
1	Enteric fever	137
2	Typhus	...
3 (A-B)	Relapsing fever	...
3 C	Fever not defined	160
4 (A)	Malaria	295
4 (B)	Ague and Remittent fever	1,431
5	Small-pox	597
6	Measles	86
7	Scarlet fever	...
8	Whooping cough	7
9 (A)	Diphtheria	16
9 (B-C)	Croup	...
10	Influenza	79
11	Miliary fever	...
12	Asiatic cholera	34
13	Cholera nostras	3
14	Dysentery	372
15	Plague	257
16	Yellow fever	...
17	Leprosy	73
18	Erysipelas	12
19 (A)	Mumps	2
19 (C)	Varicella	3
19 (B & D)	Other epidemic diseases	1
20 (A, B, C)	Pyæmia, Septicæmia	88
21	Glanders	...
22	Anthrax (Splenic fever)	...

11—*contd.*

TABLE of DEATHS by Causes in 1928—*contd.*

Classification No.	Specific Causes of Death.	Number of Deaths.
	I.— GENERAL DISEASES—*contd.*	
23	Rabies	10
24	Tetanus	97
25 (A-B)	Actinomycosis and other Mycoses	...
26	Pellagra	1
27	Beri-beri	...
28 (A)	Pulmonary tuberculosis (not acute)	579
28 (B)	Phthisis (not defined as tuberculous)	978
29 A	Acute phthisis	...
29 B	Acute miliary tuberculosis	8
30	Tuberculous meningitis	16
31 (A-B)	Tuberculosis of peritoneum and intestines	109
32	Tuberculosis of spinal column	14
33	Tuberculosis of joints	11
34 (A-B-C)	Tuberculosis of other organs	30
35	Disseminated tuberculosis	19
36 (A-B)	Rickets, Softening of bones	818
37	Syphilis	41
38 (A-B-C)	Other venereal diseases	3
39	Cancer of the buccal cavity	9
40	Cancer of the stomach, liver, etc.	37
41	Cancer of the peritoneum, intestines and rectum	11
42	Cancer of the female genital organs	15
43	Cancer of the breast	10
44	Cancer of the skin	4
45	Cancer of other or unspecified organs	61
46 (A-B-C)	Other tumours (situation undefined)	2
47	Rheumatic fever	25
48 (A-B)	Chronic rheumatism, Osteo-arthritis	2
48 C	Gout	...
49	Scurvy	...

11– *contd.*

TABLE of DEATHS by Causes in 1928—*contd.*

Classification No.	Specific Causes of Death.	Number of Deaths.
	I.—General Diseases—*contd.*	
50	Diabetes	60
51	Exophthalmic goître	...
52	Addison's disease	...
53 (A-B)	Leucocythæmia, Lymphadenoma	4
54	Anæmia, Chlorosis	814
54 A	Kala Azar	...
55 (A to D)	Other general diseases	10
56	Alcoholism (acute or chronic)	1
57 (A-B)	Chronic lead poisoning	...
58	Other chronic occupational poisonings	...
59	Other chronic poisonings	...
	II.—Diseases of the Nervous system and of the Organs of special sense.	
60	Encephalitis	23
61 A	Cerebro-spinal fever	10
61 (B-C)	Meningitis, other forms or undefined	76
62	Locomotor ataxy	3
63 (A-B)	Other diseases of the spinal cord	14
64 (A to E)	Cerebral hæmorrhage, Apoplexy	71
65	Softening of brain	...
66 (A to C)	Paralysis without specified cause	116
67	General paralysis of the insane	2
68	Other forms of mental alienation	4
69	Epilepsy	9
70 (A-B)	Convulsions (non-puerperal; 5 years and over)	12
71 (A-B)	Infantile convulsions (under 5 years)	748
72	Chorea	1
73 (A-B)	Hysteria, Neuralgia, Neuritis	1
74 (A to D)	Other diseases of the nervous system	3
75	Diseases of the eyes and annexa	...

11—*contd.*

TABLE of DEATHS by Causes in 1928—*contd.*

Classification No.	Specific Causes of Death.	Number of Deaths.
	II.—Diseases of the Nervous System and of the Organs of special sense—*contd.*	
76 A	Mastoid disease	5
76 B	Other diseases of the ears	1
	III.—Diseases of the Circulatory System.	
77	Pericarditis	3
78 (A-B-C)	Acute endocarditis	13
79 A	Valvular disease	61
79 B	Fatty degeneration of the heart	12
79 C	Other organic disease of the heart	143
80	Angina pectoris	33
81 A	Aneurysm	15
81 B	Arterial sclerosis	10
81 C	Other diseases of arteries	...
82 A	Cerebral embolism and thrombosis	8
82 B	Other embolism and thrombosis	9
83 (A to D)	Diseases of the veins (Varices, Hæmorrhoids, Phlebitis, etc.)	12
84 A	Status lymphaticus	4
84 B	Other diseases of the lymphatic system	3
85 (A-B-C)	Hæmorrhage, other diseases of the circulatory system	2
	IV.—Diseases of the Respiratory System.	
86	Diseases of the nasal fossæ	...
87 (A-B-C)	Diseases of the larynx	6
88	Diseases of the thyroid body	1
89 and 90 (A-B)	Bronchitis	1,553
91	Broncho-pneumonia	4,546
92 A	Lobar pneumonia	318
92 B	Pneumonia (type not stated)	2,961
93 (A-B)	Pleurisy	25
94 (A to D)	Pulmonary congestion, Pulmonary apoplexy	39
95	Gangrene of the lung	1

11—*contd.*

TABLE of DEATHS by Causes in 1928—*contd.*

Classification No.	Specific Causes of Death.	Number of Deaths.
	IV.—Diseases of the Respiratory System—*contd.*	
96	Asthma	998
97	Pulmonary emphysema	13
98 A	Fibroid disease of lung	1
98 B	Other diseases of the respiratory system	6
	V.—Diseases of the Digestive System.	
99 A	Diseases of the teeth and gums	2
99 (B-C-D)	Other diseases of the mouth and annexa	2
100 (A-B-C)	Diseases of the pharynx, Tonsillitis	11
101	Diseases of œsophagus	...
102	Perforating ulcer of stomach	6
103 A	Inflammation of stomach	3
103 B	Other diseases of the stomach	11
104 & 105 (A to H)	Diarrhœa and enteritis	795
106	Ankylostomiasis	3
107	Other intestinal parasites	5
108	Appendicitis	27
109A	Hernia	34
109B	Intestinal obstruction	51
110A	Sprue or Psilosis	149
110B	Other diseases of the intestines...	13
111	Acute yellow atrophy of liver	2
112	Hydatid of liver	1
113 (A-B-C	Cirrhosis of the liver	81
114	Biliary calculi	1
115A	Abscess of liver	26
115	Other diseases of the liver	87
116 (A-B)	Diseases of the spleen	...
117	Peritonitis (cause unstated)	42
118 (A-B)	Other diseases of the digestive system	3

11.—*contd.*

TABLE of DEATHS by Causes in 1928—*contd.*

Classification No.	Specific Causes of Death.	Number of Deaths.
	VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.	
119	Acute nephritis	18
120 (A-B)	Bright's disease	209
121	Chyluria	1
122 (A to D)	Other diseases of the kidney and annexa	20
123	Calculi of the urinary passages	3
124	Diseases of the bladder	15
125 (A-B)	Diseases of the urethra, Urinary abscess, etc.	8
126	Diseases of the prostate	9
127	Non-venereal diseases of male genital organs	6
128 (A-B)	Uterine hæmorrhage (non-puerperal)	...
129	Uterine tumour (non-cancerous)	4
130 (A-B)	Other diseases of the uterus	2
131	Ovarian cyst, tumour (non-cancerous)	5
132 (A-B)	Other diseases of the female gential organs	6
133	Non-puerperal diseases of the breast (non-cancerous)	...
	VII.—The Puerperal State.	
134 (A to E)	Accidents of pregnancy...	43
135	Puerperal hæmorrhage	18
136	Other accidents of childbirth	37
137	Puerperal fever	92
138 (A-B-C)	Puerperal albuminuria and convulsions	27
139 (A-B)	Puerperal phlegmasia alba dolens, embolism, and sudden death	6
140	Puerperal insanity	...
141	Puerperal diseases of the breast	...
	VIII.—Diseases of the Skin and of the Cellular Tissue.	
142 A	Senile Gangrene	...
142 (B-C-D)	Gangrene, other types	38
143	Carbuncle, Boil...	5

11.—*contd.*

TABLE of DEATHS by Causes in 1928—*contd.*

Classification No.	Specific Causes of Death.	Number of Deaths.
	VIII.—Diseases of the Skin and of the Cellular Tissue—*concld*	
144 (A-B)	Phlegmon, Acute abscess	39
145 (A to D)	Diseases of the integumentary system	8
	IX.—Diseases of the Bones and of the Organs of Locomotion.	
146	Diseases of the bones	9
147	Diseases of joints	7
148	Amputations	1
149	Other diseases of locomotor system	...
	X.—Malformations.	
150 (A to D)	Congenital malformations	18
	XI.—Diseases of Early Infancy.	
151 A	Premature birth	479
151 (B to E)	Infantile debility, Icterus, and Sclerema	2609
152 (A to D)	Other diseases peculiar to early infancy	34
153	Lack of care	1
	XII.—Old Age.	
154 (A-B)	Old age ... ... = ..	1852
	XIII.—Affections produced by External Causes.	
155	Suicide by poison	60
156	Suicide by asphyxia	2
157	Suicide by hanging or strangulation	9
158	Suicide by drowning	7
159	Suicide by firearms	1
160	Suicide by cutting or piercing instruments	4
161	Suicide by jumping from high place	1
162	Suicide by crushing	2
163	Other Suicides	7
164	Poisoning by food	3
165	Other acute poisonings	10
166	Conflagration	...

11—*concluded.*

TABLE of DEATHS by Causes in 1928—*concluded.*

Classification No.	Specific causes of Death.	Number of Deaths.
	XIII.—Affections Produced by External Causes—*concld.*	
167	Burns (conflagration excepted)	101
168	Absorption of deleterious gases (conflagration excepted) ...	9
169	Accidental drowning	40
170	Injury by firearms	5
171	Injury by cutting or piercing instruments	1
172	Injury by fall	8
173	Injury in mines and quarries	...
174	Injury by machines	1
175	Injury by other crushing (vehicles, railways, land-slides, trees, etc.)	16
176	Injury by animals	1
177	Starvation	31
178	Excessive cold	...
179	Effects of heat	3
180	Lightning	...
181	Electricity (lightning excepted)	3
182	Homicide by firearms	...
183	Homicide by cutting or piercing instruments	16
184	Homicide by other means	30
185	Fractures (cause not specified)...	186
186	Other violence	98
	XIV.—Ill-defined Causes.	
187	Dropsy	25
188 A	Syncope (aged 1 year and under 70)	4
188 B	Sudden death (not otherwise defined)	...
189 A	Heart failure (aged 1 year and under 70)	141
189 (B to E)	Other ill-defined causes	141
189 F	Cause not specified	15

12

TABLE of DEATHS among Infants by Causes, Months and Ages in 1928.

Cause of Death.	Total	Months.												Ages.			
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Under 1 week.	1 to 4 weeks.	4 weeks 1 to 6 months.	6 to 12 months.
4 Malaria	13	1	...	1	1	...	...	1	2	2	2	2	1	...	1	5	7
4cc Ague and Remittent Fever ...	91	2	6	5	9	11	9	7	8	9	13	9	3	...	...	32	59
5 Small-pox	127	3	6	24	33	26	10	7	5	6	6	1	1	...	1	42	84
6 Measles	23	2	4	4	6	3	1	2	...	...	...	...	1	...	...	6	17
7 Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8 Whooping Cough	5	...	1	...	1	1	...	...	1	...	1	...	...	...	...	1	4
9 Diphtheria and Croup	1	...	..	...	...	...	...	...	...	...	...	...	1	...	...	..	1
10 Influenza	8	...	1	...	1	1	...	1	...	...	3	...	1	...	1	3	4
13 Cholera	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
14 Dysentery	28	3	2	2	3	3	1	3	4	3	2	...	2	...	2	9	17
15 Plague	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28-29 Phthisis (Pulmonary Tuberculosis)	4	1	...	1	...	...	...	1	...	..	...	...	1	...	...	1	3
30-35 Other Tuberculous Diseases ...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...
36A Rickets	261	8	15	18	17	22	24	30	22	20	32	28	25	...	3	58	200
37 Syphilis	24	1	...	1	1	1	1	2	2	2	2	5	6	7	3	13	1
61B-C Meningitis	6	1	...	2	1	...	...	...	2	...	...	...	...	...	1	3	2
71A Convulsions	654	50	47	45	62	61	58	68	45	46	64	63	45	78	65	307	204
89-90 Bronchitis	322	15	20	29	35	45	34	27	30	18	20	18	31	1	...	120	201
91-92 Pneumonia (all forms) ...	2,306	119	150	174	215	240	204	232	240	170	203	185	174	2	17	761	1,526
103A Gastritis...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
104-105 Diarrhœa and Enteritis ...	268	24	17	27	22	25	15	31	40	17	18	16	16	2	18	109	139
150 (A to D) Congenital Malformation	18	1	2	1	...	3	1	...	1	3	2	2	2	4	11	3	...
151A Premature Birth	479	48	36	29	26	20	25	34	45	41	66	51	58	431	46	2	...
151 (B to E) Atrophy, Debility and Marasmus	2,608	262	237	185	165	174	160	221	206	256	254	252	236	1,047	821	595	145
152B Atelectasis	6	1	...	1	...	..	...	3	1	...	...	...	...	6	..	...	...
152C Injury at Birth...	1	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...
168 Suffocation Over-Lying ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
189D Fever not defined	52	5	...	2	3	8	2	6	4	4	7	8	3	4	6	18	24
Other Causes	161	13	12	7	13	15	6	14	10	16	20	16	19	53	23	45	40
Total ...	7,463	560	557	558	613	659	551	690	668	614	716	656	626	1,636	1,019	2,134	2,679

13

TABLE of DEATHS by

Causes of Deaths	Jains.		Brahmins.		Lingayats.		Bhatias.		Banias.		Hindus of other Caste.		Hindus of Low Caste.		Mussulmans.	
	Male.	Female	Male.	Female	Male.	Female	Male.	Female	Male.	Female	Male.	Female	Male.	Female	Male.	Female
1. Enteric Fever	4	3	11	6	...	...	1	1	4	2	24	14	4	...	20	4
2. Small-pox	4	6	16	10	11	8	1	...	6	13	151	113	33	30	57	56
3. Measles	...	2	1	4	...	...	...	1	...	1	18	21	11	13	5	7
4. Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
5. Whooping Cough	...	...	...	1	...	...	...	1	...	...	2	1	1	...	...	...
6. Diphtheria and Croup	...	...	1	...	...	...	...	...	...	...	3	2	...	...	2	...
7. Influenza	7	2	5	2	...	...	1	...	2	1	17	6	3	...	5	3
9. Phthisis (Pulmonary Tuberculosis).	10	18	23	23	2	5	2	13	7	15	364	306	44	45	271	283
11. Other Tuberculous Diseases ...	2	7	3	12	1	...	...	1	1	2	35	28	3	8	29	33
12. Cancer, Malignant Diseases ...	8	1	4	7	...	...	1	1	6	...	28	22	2	1	17	3
13. Rheumatic Fever...	...	...	1	...	...	...	...	...	...	...	3	3	...	...	2	3
14. Meningitis	3	2	8	6	...	...	...	...	...	...	23	12	2	2	9	3
15. Organic Heart Disease	9	2	7	2	1	1	...	...	4	...	56	18	5	3	31	8
16. Bronchitis	11	15	32	33	10	7	6	2	16	18	419	390	134	135	149	138
17. Pneumonia (all forms)	153	119	249	146	51	46	19	11	101	67	1,990	1,490	718	618	890	695
18. Other Diseases of the Respiratory Organs.	13	3	16	14	8	7	2	2	9	4	270	181	80	43	244	143
19. Diarrhœa and Enteritis ...	6	9	20	10	3	3	...	2	7	13	162	115	61	60	90	58
20. Appendicitis and Typhlitis ...	1	...	1	1	1	...	...	...	1	...	8	2	...	...	3	1
21. Cirrhosis of Liver	1	...	8	2	1	...	1	...	...	...	34	11	2	3	6	2
22. Nephritis and Bright's Disease.	4	3	10	2	...	1	1	...	2	...	55	30	3	6	19	13
23. Puerperal Fever	...	2	...	6	...	...	...	1	...	1	...	42	...	11	...	27
24. Other Accidents and Diseases of Pregnancy and Parturition.	...	6	...	9	...	...	...	1	...	6	...	56	...	7	...	19
25. Congenital Debility and Malformation including Premature Birth.	17	24	64	57	35	17	11	3	25	23	833	646	362	257	267	208
26. Violent Deaths, excluding suicide	7	10	21	10	2	...	2	3	2	6	210	62	34	19	74	25
27. Suicide	4	...	5	...	...	...	...	...	3	...	33	14	2	3	9	2
A. Plague	5	7	10	1	...	...	...	...	1	...	87	20	30	18	49	9
B. Kala-Azar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
C. Malaria	1	3	7	16	7	1	...	2	2	..	64	52	20	16	39	26
CC. Ague and Remittent Fever.	9	5	12	16	8	14	1	1	4	1	414	357	137	151	124	148
D. Relapsing Fever	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
E. Fever not defined	1	1	4	2	1	...	...	1	2	2	21	22	20	21	12	13
F. Cholera	...	...	4	2	...	...	...	...	...	...	13	3	2	3	4	...
G. Dysentery	5	1	14	8	3	...	1	2	3	1	104	59	39	17	45	14
H. Leprosy	...	...	6	...	...	...	...	...	...	...	33	13	3	2	6	1
K. Other defined Diseases ...	68	64	139	136	27	20	27	15	66	70	1,077	1,232	282	368	694	704
Diseases ill-defined or unknown	9	2	10	4	1	1	1	6	5	2	80	40	24	12	46	15
Still born ...	*22*	*9*	*43*	*43*	*11*	*7*	*6*	*7*	*21*	*12*	*467*	*375*	*131*	*119*	*198*	*150*
Total. Males ...	362		712		173		178		279		6,631		2,066		3,216	
Total. Females ..		317		538		131		70		248		5,383		1,872		2,663
Total. Persons ..	679		1,250		304		148		517		12,014		3,938		5,879	

Race or Caste, Sex and Cause in 1928.

Parsees.		Jews.		Indian Christians.		Anglo-Indians.		European.		Negro Africans.		Buddhist.		Other and unknown Caste.		All Castes.		
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Males.	Females.	Persons.
12	8	...	1	8	6	1	...	3	...	...	...	...	...	...	...	92	45	137
2	...	...	...	45	27	1	...	1	...	...	1	...	...	...	...	333	264	597
..	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	36	50	86
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	..	4	3	7
2	...	1	...	1	1	...	1	1	...	...	...	...	1	...	...	11	5	16
6	11	1	...	4	1	1	...	1	...	...	...	...	...	...	...	53	26	79
13	6	2	1	51	38	9	4	4	...	...	1	4	1	1	...	807	758	1,565
10	6	3	...	7	7	1	1	...	...	...	...	...	...	...	...	94	105	199
9	12	...	4	7	3	3	2	...	5	...	...	1	...	...	...	86	61	147
5	5	...	...	2	1	...	...	...	...	...	...	...	...	...	...	13	12	25
...	1	2	1	4	5	2	...	1	...	...	...	...	...	...	...	54	32	86
17	14	2	1	12	13	1	4	4	...	...	...	1	...	...	...	150	66	216
7	5	...	3	10	9	...	...	...	1	1	1	1	...	...	...	796	757	1,553
57	55	19	19	175	91	16	9	7	4	3	1	6	...	...	...	4,454	3,371	7,825
7	13	6	3	14	6	...	...	1	...	...	1	...	...	...	...	670	420	1,090
28	40	4	4	48	40	5	3	2	1	...	1	...	...	...	...	436	359	795
3	2	...	...	1	1	...	...	1	...	...	...	...	...	...	...	20	7	27
3	2	...	...	2	1	1	...	1	...	...	...	...	...	...	...	60	21	81
17	18	...	2	19	17	1	...	3	1	...	...	...	...	...	...	134	93	227
...	1	...	...	...	1	..	...	...	...	...	...	...	...	...	...	...	92	92
...	12	...	...	...	11	...	2	...	1	...	...	...	1	...	...	...	131	131
27	24	9	4	95	80	3	7	4	2	...	...	1	1	...	...	1,753	1,353	3,106
8	2	4	4	19	9	4	...	1	1	...	...	...	...	9	14	397	165	562
7	...	1	...	3	3	1	1	4	...	...	...	...	...	...	...	70	23	93
1	...	1	...	11	7	...	...	...	..	...	...	..	...	..	...	195	62	257
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	5	2	2	15	7	1	1	1	1	...	...	...	...	...	...	173	122	295
3	1	2	4	9	9	...	...	...	...	1	...	...	...	..	...	724	707	1,431
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	3	...	...	9	18	2	1	...	...	...	...	...	...	...	...	76	84	160
...	...	...	...	1	...	...	...	1	1	...	...	...	...	...	...	25	9	34
7	7	2	2	23	13	2	...	...	...	...	...	...	...	...	...	248	124	372
...	...	...	...	6	3	...	...	...	...	...	...	...	...	...	...	54	19	73
182	125	18	21	116	110	10	13	15	9	2	1	5	5	1	...	2,729	2,893	5,622
17	10	1	...	19	11	2	2	2	2	...	...	1	...	1	...	219	107	326
31	*32*	*11*	*8*	*45*	*43*	*2*	*5*	*3*	*2*	...	...	...	...	*15*	*8*	*1,006*	*820*	*1,826*
438		79		738		67		58		7	...	20		12		14,966		
	388		76		550		51		29		7		9		14		12,346	
856		155		1,288		118		87		14		29		26				27,312

TABLE showing by Race the Rate of Mortality per 1,000 of Population from different Causes of Deaths in 1928.

Race or Caste.	Small-pox.	Measles.	Plague.	Scarlet Fever.	Kala-Azar.	Enteric Fever.	Malaria.	Ague and Remittent Fever.	Relapsing Fever.	Influenza.	Cholera.	Diarrhœa and Enteritis	Dysentery.	Tuberculous Diseases.	Respiratory Diseases.	Accidents.	All other Causes.	Total.
Hindus Low Caste	0·4	0·1	0·2	.....	.....	.....	0·2	1·5	.....	.....	0·1	0·6	0·3	0·5	9·3	0·3	7·5	21·1
Hindus of all other Caste ...	0·4	0·1	0·2	.....	.....	0·1	0·2	1·1	.....	0·1	0·1	0·4	0·3	1·1	7·5	0·4	7.1	18·9
Hindus all Caste	0·4	0·1	0·2	.....	.....	0·1	0·2	1·2	.....	0·1	0·1	0·5	0·3	1·0	7·9	0·4	7·2	19·4
Mussalmans	0·6	0·1	0·3	.....	.....	0·1	0·3	1·4	.....	0·1	.....	0·8	0·3	3·3	12·1	0·5	11·4	31·3
Parsees	0·1	.....	.....	.....	.....	0·4	0·4	0·1	.....	0·3	.....	1·3	0·3	0·7	2·7	0·2	9·8	16·1
Jews	.....	.....	0.1	.....	.....	0·1	0·5	0·7	.....	0·1	.....	0·9	0·5	0·6	6·1	0·9	8·2	19·0
Christians	1·3	0·1	0·3	.....	.....	0·3	0·4	0·3	.....	0·1	.....	1·6	0·7	1·9	5·7	0·5	10·8	24·1
Anglo-Indians	0·2	.....	.....	.....	.....	.....	0·4	.....	.....	0·2	.....	1·6	0·4	2·9	4·9	0·8	11·7	23·3
Europeans	0·1	.....	.....	.....	.....	0·2	0·1	.....	.....	0·1	0·1	0·2	.....	0·2	0·8	0·1	3·4	5·3
Buddhists	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2·2	3·0	.....	7·4	12·5
Other and Unknown Caste ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16·9	.....	389·8	33·9	440·7
TOTAL	0·5	0·1	0·2	.....	.....	0·1	0·2	1·1	.....	0·1	0·1	0·6	0·3	1·4	8·1	0·4	8·0	21·0

15

Statement showing the number of Deaths by Causes in different Hospitals

Serial No.	HOSPITALS.	1 Enteric Fever.	2 Small-pox.	3 Measles.	4 Scarlet Fever.	5 Whooping Cough.	6 Diphtheria and Croup.	7 Influenza.	9 Phthisis (Pulmonary Tuberculosis).	11 Other Tuberculous Diseases.	12 Cancer, Malignant Disease.	13 Rheumatic Fever.	14 Meningitis.	15 Organic Heart Disease.	16 Bronchitis.	17 Pneumonia (all forms).	18 Other Diseases of the Respiratory Organs.	19 Diarrhœa and Enteritis.	20 Appendicitis and Typhlitis.
1	Adams Wylie Memorial Hospital.	2	...	...	...	...	...	...	36	2	...	1	...	2	7	31	...	16	...
2	Albless Cama Hospital ...	3	1	...	...	...	...	...	5	7	4	...	1	3	1	29	1	7	...
3	Arthur Road Hospital ...	..	116	1	...	...	5	1	1	...	...	...	2	1	...	4	3	10	...
4	Bai Motlabai & Sir D. M. Petit Hospital.	2	...	...	...	...	...	...	10	1	1	...	1	1	...	25	1	8	...
5	Bai Rukshamani Lying-in Hospital.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	..	...
6	Dr. Bhajekar's Hospital ...	...	...	...	...	...	...	...	1	1	...	1	1	...	1	1	...	...	...
7	B. D. Petit Parsee General Hospital.	5	...	...	...	...	...	4	3	5	5	3	...	3	1	15	6	7	2
8	Colaba Station Hospital ...	1	...	...	...	...	...	...	3	...	...	...	...	...	...	3	...	...	...
9	Dr. D'Sa's Hospital	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
10	Goculdas Tejpal Hospital ...	2	...	...	...	...	...	...	98	11	4	...	5	7	1	137	10	30	1
11	Sir J. J. Hospital	8	1	...	..	...	...	2	195	44	21	2	14	31	24	178	27	33	3
12	Dr. Kerrawalla's Hospital ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...
13	King Edward VII Memorial Hospital.	27	...	...	...	..	1	...	50	25	26	1	10	36	8	174	18	37	3
14	Matunga Leper Asylum ...	...	..	...	...	...	...	...	...	..	...	...	...	...	...	1	...	...	...
15	Maratha Hospital	...	...	...	...	...	...	2	230	7	...	...	...	...	1	3	1	...	...
16	Marine Lines Hospital ...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	3	1	...	...
17	Municipal Maternity Homes..	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2	...
18	Dr. Masina's Hospital ...	3	...	...	...	...	...	3	1	6	1	1	...	2	...	9	1	4	...
19	Dr. Parakh's Hospital ...	...	...	...	...	..	...	...	1	...	...	...	...	1	...	...	...	...	...
20	Parsee Fever Hospital ...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	Parsee Lying-in Hospital ...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...
22	Police Hospital	2	...	...	...	...	...	...	..	...	...	...	...	...	...	5	1	...	...
23	Dr. Purandare's Hospital ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	St. Joseph's Foundling Home.	...	...	...	...	...	...	...	3	...	...	...	...	...	1	8	...	31	...
25	St. George's Hospital	1	...	...	...	...	3	...	11	2	8	1	3	3	1	17	1	5	...
26	Other Private Hospitals ...	5	...	...	...	...	1	...	15	16	11	...	2	6	2	50	9	5	8
	Total ...	62	118	1	...	...	10	12	666	127	84	10	39	96	48	697	82	185	17

in the City of Bombay for the year 1928.

21	22	23	24	25	26	27	28										29	Total	Serial No.
							Other defined diseases.												
							A	B	C	C C	D	E	F	G	H	K			
Cirrhosis of Liver.	Nephritis and Bright's Disease.	Puerperal Fever.	Other accidents and Diseases of Pregnancy and Parturition.	Congenital Debility and Malformation including Premature Birth.	Violent Deaths, excluding suicide.	Suicide.	Plague.	Kala Azar.	Malaria.	Ague and Remittent Fever.	Relapsing Fever.	Fever not defined.	Cholera.	Dysentery.	Leprosy.	Other Defined Diseases	Diseases ill-defined or unknown.		
...	8	1	1	1	...	...	...	...	...	...	...	...	...	6	...	10	...	124	1
...	2	9	24	110	...	...	...	...	4	...	..	...	...	...	...	37	7	255	2
...	...	...	...	2	2	...	..	...	...	...	...	...	7	1	...	3	1	160	3
1	2	2	5	75	1	...	...	...	5	...	..	...	...	5	...	36	3	185	4
...	...	1	1	6	...	...	...	...	...	...	...	...	...	...	...	1	...	11	5
...	1	1	...	...	1	...	...	...	...	...	...	...	...	...	...	14	...	23	6
...	5	...	1	4	1	...	...	...	2	...	...	...	...	...	1	41	2	116	7
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	1	13	8
...	1	...	2	3		...	...	...	...	...	...	...	...	...	...	...	...	7	9
2	10	...	...	...	1	...	1	..	16	...	...	...	1	20	...	79	7	443	10
9	20	..	...	2	5	...	1	...	9	...	...	...	...	41	...	249	13	935	11
...	...	...	...	6	...	...	...	...	...	...	...	...	..	..	...	1	...	9	12
11	23	2	5	8	10	...	1	...	7	...	...	2	...	20	...	190	30	715	13
...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	70	...	...	71	14
...	...	...	...	...	...	...	112	...	1	...	...	...	...	...	...	...	1	358	15
...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	1	...	8	16
...	1	1	1	88	...	...	...	...	2	...	...	...	...	...	...	14	...	119	17
...	1	1	4	11	1	...	...	...	4	...	...	...	...	...	...	18	...	71	18
...	...	...	2	6	...	...	...	...	...	...	...	...	...	...	...	1	...	11	19
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20
...	...	...	3	7	...	...	...	...	...	...	...	...	...	...	...	1	1	15	21
...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2	...	11	22
...	...	...	1	3	...	...	...	...	...	...	...	...	...	...	...	4	...	8	23
...	1	...	...	80	2	...	...	...	...	...	...	15	...	2	...	27	2	172	24
1	3	...	2	5	...	...	...	...	2	...	...	1	1	...	...	35	1	107	25
5	11	11	35	181	4	...	..	...	6	...	...	2	...	4	...	141	16	546	26
29	90	29	87	600	28	...	116	...	58	...	...	20	9	99	71	908	85	4,483	

TABLE of DEATHS by Age, Sex and Cause in 1928.

AGE.	1		2		3		4		5		6		7		9		11		12	
	Enteric Fever.		Small-pox.		Measles.		Scarlet Fever.		Whooping Cough.		Diphtheria and Croup.		Influenza.		Phthisis (Pulmonary Tuberculosis).		Other Tuberculous Diseases.		Cancer, Malignant Disease.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Under 7 days	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1 to 4 weeks	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
4 weeks to 6 months	...	...	17	25	2	4	...	...	...	1	...	...	1	2	1	...	1	...	...	...
6 months to 12 months	1	2	36	48	10	7	...	...	3	1	...	1	3	1	1	2	...	...	...	...
Total under 1 year	1	2	54	73	12	11	...	...	3	2	...	1	4	4	2	2	1	...	...	...
1 to 2 years	3	...	33	31	11	19	...	...	1	...	1	...	...	...	2	2	1	1	...	...
2 to 5 „	4	...	58	61	7	15	...	...	...	1	4	1	3	...	5	1	1	2		...
5 to 10 „	5	2	39	41	6	3	...	...	...	...	5	2	...	2	6	3	3	4	1	...
10 to 15 „	5	2	13	8	...	...	...	...	...	...	...	...	...	1	15	41	3	17	...	...
15 to 20 „	8	11	27	17	...	1	...	...	...	...	...	...	2	3	46	101	7	14	...	...
20 to 30 „	35	11	75	20	...	...	...	...	...	...	...	...	7	6	232	311	26	33	3	5
30 to 40 „	13	7	27	12	...	1	...	...	...	...	1	1	12	2	271	175	28	22	16	8
40 to 50 „	7	4	7	...	...	...	...	...	...	...	...	...	11	2	143	70	19	6	18	17
50 to 60 „	5	4	...	1	...	...	...	...	...	...	...	...	10	2	63	41	...	5	25	14
60 and over	6	2	...	...	...	...	...	...	...	...	...	...	4	4	22	11	5	1	24	16
Age Unspecified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ALL AGES. Males	92	...	333	...	36	...	...	...	4	...	11	...	53	...	807	...	94	...	86	...
ALL AGES. Females	...	45	...	264	...	50	...	...	...	3	...	5	...	26	...	758	...	105	...	61
ALL AGES. Persons	137		597		86		...		7		16		79		1,565		199		147	

16—*continued.*

TABLE of DEATHS by Age, Sex and Cause in 1928—*continued.*

AGE.	13		14		15		16		17		18		19		20		21		22	
	Rheumatic Fever.		Meningitis.		Organic Heart Disease.		Bronchitis.		Pneumonia (all forms.)		Other Diseases of the Respiratory Organs.		Diarrhœa and Enteritis.		Appendicitis and Typhlitis.		Cirrhosis of Liver.		Nephritis and Bright's Disease.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females	Males.	Females.	Males.	Females.
Under 7 days	...	...	...	...	...	...	1	...	1	1	...	1	1	1	...	...	...	...	...	...
1 to 4 weeks	...	...	...	1	...	...	...	...	11	6	1	...	13	5	...	...	...	...	...	...
4 weeks to 6 months	...	...	1	2	...	...	62	58	419	342	...	...	58	51	...	...	...	...	1	...
6 months to 12 ,, ...	...	...	1	1	...	...	107	94	804	722	...	...	72	67	...	...	...	...	...	...
Total under 1 year	...	...	2	4	...	...	170	152	1,235	1,071	1	1	144	124	...	...	...	...	1	...
1 to 2 years	...	...	1	2	...	...	88	100	621	649	1	1	61	53	...	...	7	2	2	2
2 to 5 ,, ...	...	1	3	4	...	1	59	66	435	469	3	1	31	34	...	...	5	6	1	...
5 to 10 ,, ...	...	...	3	6	2	...	15	21	139	197	1	1	8	8	...	2	3	2	4	3
10 to 15 ,, ...	1	2	4	3	1	2	7	14	114	94	1	3	3	5	...	...	2	1	1	1
15 to 20 ,, ...	1	...	4	3	4	3	14	27	144	105	2	4	8	7	2	...	2	...	1	3
20 to 30 ,, ...	3	2	18	4	16	6	63	85	514	278	27	11	32	31	5	2	5	1	11	13
30 to 40 ,, ...	3	...	6	3	26	9	83	73	544	224	60	26	39	21	7	3	16	...	10	12
40 to 50 ,, ...	2	2	7	2	29	9	106	75	344	119	107	83	35	21	2	...	7	2	36	17
50 to 60 ,, ...	2	2	4	1	44	12	103	82	222	82	268	133	31	20	3	...	12	6	37	15
60 and over	1	3	2	...	28	24	88	63	142	83	199	156	44	35	1	...	1	1	30	27
Age Unspecified ...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
ALL AGES. Males	13	...	54	...	150	...	796	...	4,454	...	670	...	436	...	20	...	60	...	134	...
ALL AGES. Females	...	12	...	32	...	66	...	757	..	3,371	...	420	...	359	...	7	...	21	...	93
ALL AGES. Persons	25		86		216		1,553		7,825		1,090		795		27		81		227	

16—*continued.*

TABLE of DEATHS by Age, Sex and Cause in 1928—*continued.*

AGE.	23		24		25		26		27		28									
	Puerperal Fever		Other Accidents and Diseases of Pregnancy and Parturition.		Congenital Debility and Malformation including Premature Births.		Violent Deaths excluding Suicide.		Suicide.		OTHER DEFINED DISEASES.									
											A		B		C		CC		D	
											Plague.		Kala Azar.		Malaria.		Ague and Remittent Fever.		Relapsing Fever.	
	Males.	Females	Males.	Females.	Males.	Females.	Males.	Females	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females	Males.	Females.	Males.	Females.
Under 7 days	...	...	...	...	874	608	10	14	...	...	...	...	...	...	...	...	...	...	...	...
1 to 4 weeks	...	...	...	...	471	407	...	3	...	...	...	...	...	...	1	...	...	...	...	...
4 weeks to 6 months ...	...	...	...	...	333	267	3	2	...	...	...	...	...	...	2	3	17	15	...	...
6 months to 12 „ ...	...	...	...	...	74	71	4	3	...	...	...	...	...	...	5	2	34	25	...	...
Total under 1 year ...	...	...	...	...	1,752	1,353	17	22	...	...	...	...	...	...	8	5	51	40	...	...
1 to 2 years	...	...	...	...	...	...	4	1	...	...	...	...	...	...	7	5	26	28	...	...
2 to 5 „	...	...	...	...	1	...	8	16	...	...	...	2	...	...	7	11	51	59	...	...
5 to 10 „	...	...	...	...	...	...	16	14	...	1	11	10	...	...	4	6	39	50	...	...
10 to 15 „	...	...	...	...	...	...	27	8	...	...	23	11	...	...	7	6	27	48	...	...
15 to 20 „	...	16	...	17	...	...	16	24	2	5	23	13	...	...	13	14	45	46	...	...
20 to 30 „	...	52	...	57	...	...	101	27	23	8	59	11	...	...	38	27	141	164	...	...
30 to 40 „	...	23	...	51	...	...	127	20	27	2	50	12	...	...	36	24	168	151	...	...
40 to 50 „	...	1	...	6	...	...	41	17	8	5	20	3	...	...	30	12	111	81	...	...
50 to 60 „	...	...	...	...	...	...	23	8	3	2	9	...	...	...	14	5	55	28	...	...
60 and over	...	...	...	...	...	...	17	8	7	...	...	...	...	...	9	7	10	12	...	...
Age Unspecified..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ALL AGES. Males ...	...	...	...	...	1,753	...	397	...	70	...	195	...	...	...	173	...	724	...	...	...
ALL AGES. Females ...	...	92	...	131	...	1,353	...	165	...	23	...	62	...	...	...	122	...	707	...	...
ALL AGES. Persons ...	92		131		3,106		562		93		257		...		295		1,431		...	

TABLE of DEATHS by Age, Sex and Cause in 1928—*concluded.*

AGE.	28—*concld.* OTHER DEFINED DISEASES—*concld.*										29		All Causes.		All Ages.
	E Fever not defined.		F Cholera.		G Dysentery.		H Leprosy.		Other defined Diseases.		Diseases Ill-defined or unknown.				
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Persons
Under 7 days	2	2	...	...	...	...	...	...	71	45	3	1	963	673	1,636
1 to 4 weeks	4	2	...	...	...	2	...	...	42	45	2	1	546	473	1,019
4 weeks to 6 months	7	11	...	...	6	3	...	...	234	182	1	..	1,166	968	2,134
6 months to 12 ,,	12	12	1	...	15	2	...	...	215	209	6	5	1,404	1,275	2,679
Total under 1 year	25	27	1	...	21	7	...	...	562	481	12	7	4,079	3,389	7,468
1 to 2 years	9	10	...	...	20	20	...	...	199	174	26	14	1,124	1,114	2,238
2 to 5 ,,	5	6	...	...	13	19	...	...	134	173	18	17	856	966	1,822
5 to 10 ,,	3	3	...	...	14	8	...	...	41	49	4	2	371	441	812
10 to 15 ,,	3	2	1	...	4	...	...	...	25	58	2	3	289	330	619
15 to 20 ,,	2	3	...	...	4	5	3	1	28	87	1	...	409	530	939
20 to 30 ,,	10	9	12	1	38	15	14	3	163	343	28	15	1,699	1,551	3,250
30 to 40 ,,	8	9	4	6	54	16	16	4	250	235	36	12	1,938	1,164	3,102
40 to 50 ,,	5	2	2	...	28	10	10	4	172	110	26	10	1,333	690	2,023
50 to 60 ,,	...	5	2	2	32	13	9	7	207	116	34	19	1,217	625	1,842
60 and over	6	8	3	....	20	11	2	...	948	1,067	32	8	1,651	1,546	3,197
Age Unspecified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ALL AGES. Males	76	...	25	...	248	...	54	...	2,729		219	...	14,966	...	...
ALL AGES. Females.	...	84	..	9	...	124	...	19	...	2,893	...	107	...	12,346	...
ALL AGES. Persons	160		34		372		73		5,622		326		.....		27,312

TABLE of DEATHS by CAUSES and

Number of		Nature of Occupation.	CAUSES OF												
			1-189	28-28	39-45	47	48C.	50	56	57	60-76	79A.	81A.	77-85*
Order.	Groups.		All Causes.	Pulmonary Tuberculosis.	Cancer.	Rheumatic Fever.	Gout.	Diabetes.	Alcoholism.	Plumbism (Lead Poisoning).	Disease of the Nervous system.	Valvular Disease of the Heart.	Aneurism.	Other diseases of the Circulatory System.*
		PRODUCTION OF RAW MATERIALS—CLASS A (I & II)												
1	1-16	Pasture, Agriculture, Farm labourers, &c.	145	5	3	..	..	1	..	..	1	..	..	2
2	17-18	Fishing and hunting	19	..	1	..	..	..	..	..	1	..	..	..
3	19-21	Mines, metallic minerals, coal, &c., and Petroleum wells.	..	..	..	..	..	..	..	..	..	..	..	..
4	22	Quarries of hard rocks	5	..	..	..	..	..	..	..	..	..	..	..
5	23-24	Salt works, extraction of saltpetre, alum, &c.	..	..	..	..	..	..	..	..	..	..	..	..
		III.—INDUSTRY.												
6	25-27	Textiles, cotton mills, workers in cotton.	67	4	..	.	..	..	..	..	..	..	.	..
	28	Jute spinning, weaving, &c.	4	1	..	..	..	..	..	..	..	..	..	..
	29-30	Rope, twine, and string making, workers in other fibres.	..	..	..	..	..	..	..	..	..	..	..	..
	31-33	Woollen mills, blankets, carpets, &c ..	7	..	..	..	..	..	..	..	..	..	..	..
	34-36	Workers in silk and hair (camel, horse, &c.)	6	..	..	..	..	..	..	..	..	..	..	..
	37	Dyeing, bleaching, calico printing, &c.	9	..	..	..	..	..	..	..	..	..	..	1
	38	Other textiles and millhands, weavers, &c., insufficiently described.	1,051	67	2	1	..	3	..	..	4	7	..	4
7	39-42	Furriers, workers in leather, bone, &c.	67	4	1	..	..	..	..	..	..	..	..	..
8	43-45	Sawyers, carpenters, basket makers, &c.	181	17	2	..	..	..	..	..	3	1	..	2
9	46-48	Workers in iron, makers of guns, &c	46	4	..	..	..	..	..	..	..	..	..	..
	49	Workers in brass, copper and bell metal.	13	5	..	..	..	..	..	..	..	..	..	..
	50	Workers in lead, quicksilver and other metals.	39	5	..	..	..	..	..	..	2	..	..	1
	51	Workers in mints, die-sinkers, &c. ..	7	..	..	..	..	..	..	..	..	..	..	..
10	52-57	Workers in ceramics, glass, pottery, porcelain, bricks, &c.	5	..	..	..	..	..	..	..	..	..	..	..
11	58	Making of matches and explosives ..	1	..	..	..	..	..	..	..	..	..	..	..
	59	Making of aerated waters and ice ..	5	..	..	..	..	..	..	..	..	..	..	..
	60	Making of dyes, paints and ink ..	..	..	..	..	..	..	..	..	..	..	..	..
	61-62	Making, refining vegetable and mineral oils.	2	..	..	..	..	..	..	..	..	..	..	..
	63	Making of paper, papier mache, &c. ..	3	..	..	..	..	..	..	..	..	..	..	..
	64	Making of soap, candles, perfumes, drugs.	4	1	1	..	..	..	..	..	..	..	..	..
12	65-72	Bakers, butchers, fish curers, flour-grinders, makers of other food.	64	3	2	..	..	..	..	..	3	..	..	..
	73-74	Brewers, distillers, toddy drawers ..	17	..	..	..	..	..	..	..	1	1	..	..
	75	Making of tobacco, opium and ganja.	58	15	..	..	..	..	..	..	1	..	..	..
13	76-79	Tailors, &c., makers of umbrellas, boots, hats and other articles of dress.	162	28	3	..	..	..	..	..	3	1	1	2
	80	Washing cleaning and dyeing clothes.	87	16	..	..	..	..	..	..	1	..	..	..
	81-82	Barbers and other industries connected with the toilet.	47	1	..	..	..	..	..	..	1	..	..	1
14	83-84	Furniture, cabinet, tent-makers, carriage painters, upholsters, &c.	15	2	..	..	..	..	..	..	..	..	..	..
15	85-88	Building industries, lime burners, excavators, stone cutters, &c.	71	8	1	..	..	..	..	..	1	1	..	..
	89	House decorators, builders, painters, plumbers, tilers, &c.	59	6	..	..	..	1	..	..	3	1	..	..
16	90-92	Makers of vehicles, ships, aeroplanes, &c.	2	..	..	..	..	..	..	..	..	..	..	..
17	93	Gas works and electric light	22	3	..	1	..	1	..	..	..	1	..	..
	94	Printers, lithographers, engravers, &c.	59	13	..	..	..	..	..	..	1	..	1	1
18	95-97	Book-binders, makers of musical instruments, clocks, &c.	31	6	..	..	..	..	..	..	1	..	..	..
	98-100	Workers in jewellery, necklaces, toys, &c.	64	10	1	..	..	..	..	..	1	..	..	..
	101-102	Employees (not actors) in theatres, race-courses, contractors, &c.	27	2	..	..	..	..	..	..	..	..	..	..
	103	Sweepers, scavengers, &c.	124	7	..	..	..	..	..	..	1	2	1	..
		IV.—TRANSPORT.												
19	104	Persons (not makers) concerned with aerodromes and aeroplanes.	..	..	..	..	..	..	..	..	..	..	..	..
20	105-110	Persons employed in transport by water.	227	19	1	1	..	..	..	..	4	2	..	* * 2
21	111-112	Persons employed on construction, &c., of roads and bridges.	15	.	..	..	..	..	..	..	..	.	..	..
	113-114	Managers and employers connected with vehicles.	34	4	..	..	..	.	..	..	1	..	..	..
	115-116	Bullocks, ass, etc., owners and drivers.	181	17	..	..	..	..	..	..	5	3	..	..
	117	Porters and messengers	18	2	..	..	..	1	..	..	..	..	..	..
22	118	Railway employees (other than labourers).	55	1	1	..	..	..	..	..	2	..	..	..
	119	Labourers and coolies of railways ..	154	6	..	..	..	1	..	..	2	1	..	..
23	120	Post, Telegraph and Telephone services.	53	4	..	..	..	2	..	..	1	..	..	..

* Excluding intervening numbers in preceding columns.

OCCUPATIONS in 1928.

DEATH.										Death-rate per 1,000 of actual workers by the Census of 1921.	Population by the Census of 1921 (*vide* City Table VII-1).		Number of Group.
86-98	109A.	111-115	99-118*	120	119-133	155-168	164-186						
Disease of the Respiratory System.	Hernia.	Disease of the Liver.	Other Diseases of the Digestive System.*	Bright's Disease.	Other Diseases of the Urinary System.	Suicide.	Accidents.	All other Causes.			Actual workers.	Dependants.	
45	..	2	5	..	3	..	3	75		21·7	6,681	3,596	1-16
6	..	1	1	..	..	..	2	7		10·8	1,759	1,206	17-18
..	..	..	..	..	..	..	..	..		....	92	135	19-21
2	..	..	1	..	..	..	..	2		113·6	44	46	22
..	..	..	..	..	..	..	..	..		....	410	172	23-24
39	..	1	1	..	..	..	..	22			125,663	48,999	25-27
1	..	..	1	..	..	..	..	1			162	184	28
..	..	..	..	..	..	..	..	..			277	144	29-30
4	..	..	..	..	..	..	..	3		8·5	149	64	31-33
2	..	..	..	..	..	..	..	4			135	507	34-36
4	..	..	..	..	..	..	..	4			1,747	1,489	37
448	..	8	23	5	2	6	28	443			5,855	3,458	38
30	.	..	2	..	..	..	..	30		21·9	3,062	2,104	39-42
80	..	2	9	2	1	1	2	59		8·5	21,384	19,113	43-45
16	..	..	1	..	..	1	..	24		5·8	7,935	6,128	46-48
7	..	..	1	..	..	..	..	..			927	940	49
13	1	1	3	..	..	1	1	11		20·5	1,800	1,338	50
3	..	..	..	..	..	..	..	4			145	160	51
5	..	..	..	..	..	..	..	..		3·8	1,495	1,004	52-57
..	..	..	1	..	..	..	..	..		2·3	356	90	58
2	..	..	..	..	..	..	..	3		59·5	84	35	59
.	..	..	..	..	..	..	..	..		....	96	42	60
2	..	..	..	..	..	..	..	..		14·4	139	69	61-62
1	..	..	..	..	..	..	..	2		176·4	17	....	63
..	..	..	..	..	..	..	1	1		38·1	105	91	64
28	..	..	3	..	..	1	..	24		29·2	2,188	1,587	65-72
7	..	1	1	1	..	1	3	1		20·4	831	708	73-74
28	..	2	3	..	1	..	..	38		21·2	4,143	1,276	75
55	..	..	3	2	2	1	4	57		9·7	16,602	11,919	76-79
27	2	3	6		..	..	..	30		15·6	5,575	2,572	80
20	..	..	3	1	..	..	..	20		10·1	4,626	2,865	81-82
2	..	..	3	..	..	..	..	2		52·3	287	241	83-84
31	..	2	3	..	..	..	2	22		10·3	6,891	3,230	85-88
28	..	..	4	..	..	..	1	15		30·9	1,906	1,738	89
..	..	..	..	1	..	..	..	1		5·6	354	237	90-92
4	..	1	1	..	..	1	4	5		22·0	1,001	948	93
25	..	..	1	3	1	1	1	11		20·5	2,875	2,473	94
11	..	..	2	..	..	..	1	19		30·4	1,018	964	95-97
29	1	..	4	..	..	..	2	16		13·4	4,775	4,197	98-100
7	..	1	3	..	..	..	..	14		79·2	341	652	101-102
58	2	1	3	..	1	..	4	44		20·1	3,081	3,628	103
..	..	..	..		..	..	..	..		....	11	2	104
105	..	3	6	2	..	..	14	68		7·3	31,048	8,482	105-110
11	..	.	1	..	..	..	1	2		24·5	611	246	111-112
15	..	1	2	..	1	..	1	9		4·9	6,900	5,626	113-114
81	..	..	10	1	..	..	4	59		33·9	5,310	5,381	115-116
6	..	..	2	..	..	..	5	2		30·4	591	133	117
21	1	1	2	1	..		5	20		4·3	12,887	12,577	118
63	..	1	5	..	..	..	9	65		23·0	6,704	4,641	119
24	1	..	2	3	..	..	3	13		16·1	3,297	3,005	120

TABLE of DEATHS by CAUSES AND

Number of		Nature of Occupation.	CAUSES OF											
			1-189	28-29	39-45	47	49C.	50	56	57	60-76	79A.	81A.	77-85*
Order.	Groups.		All Causes.	Pulmonary Tuberculosis.	Cancer.	Rheumatic Fever.	Gout.	Diabetes.	Alcoholism.	Plumbism (Lead Poisoning).	Disease of the Nervous system.	Valvular Disease of the Heart.	Aneurism.	Other Diseases of the Circulatory System.*
		V.—TRADE.												
24-25	121-122	Bank managers, money lenders, brokers, agents, &c., and employees.	131	9	2	..	..	..	..	..	6	1	...	7
26-31	123-128	Traders (not makers) in various wares.	116	4	1	..	..	2	..	..	2	1	..	7
32	129-130	Venders of wine, liquors, aerated waters, hotel managers and servants.	168	11	1	..	..	2	..	..	3	..	..	3
33	131-139	Dealers in food-stuffs, fish, milk, oil, sugar, &c.	366	31	4	..	..	1	..	..	7	1	..	9
34-36	140-143	Trade in clothing, toilet, furniture, building materials.	83	8	3	..	..	2	..	..	4	..	..	3
37	144-146	Trade in means of Transport, hirers of horses, etc.	23	1	..	..	..	..	..	..	2	..	..	..
38	147	Dealers in firewood, charcoal and other fuel.	23	..	..	..	..	1	..	..	1	..	..	..
39	148-150	Dealers in jewellery, bangles, books, stationery, &c.	28	..	1	..	..	..	..	..	3	..	..	2
40	151	Dealers in rags, stable refuse, &c. ..	3	..	..	..	..	..	..	..	..	..	..	..
	152-153	Store and shopkeepers not defined, pedlars and hawkers.	239	26	4	..	..	..	..	..	7	1	..	6
	154	All other Trades	77	7	1	..	..	..	..	..	1	..	..	1
		VI.—PUBLIC FORCE.												
41	155-156	Army	8	2	..	..	..	..	..	..	1	..	..	..
42	157	Navy	..	..	..	..	..	..	..	..	..	..	..	..
43	158	Air Force	1	..	..	..	..	..	..	..	..	..	..	..
44	159-160	Police and village watchmen	59	6	2	..	..	1	..	..	..	..	..	4
		VII.—PUBLIC ADMINISTRATION.												
45	161-164	Service of the State, Indian, Foreign, and Municipal not assigned to any other group.	20	1	2	..	..	..		..	2	1	1	..
		VIII.—PROFESSIONS AND LIBERAL ARTS.												
46	165	Priests, ministers, &c.	58	5	2	..	..	2	..	..	..	1	..	1
	166	Religious mendicants, inmates of monasteries, &c.	34	1	1	..	..	..	..	..	..	..	..	1
	167-168	Church and mission, temple, burial or burning ground service.	13	..	..	..	..	..	..	..	1	..	..	..
47	169-170	Lawyers, all kinds and their clerks ..	14	..	..	..	..	2	..	..	..	..	..	
48	171	Medical practitioners, all kinds of veterinary surgeons, dentists.	27	2	1	..	..	2	..	..	2	..	..	3
	172	Midwives, vaccinators, compounders, nurses.	16	..	..	..	..	..	..	..	..	..	..	1
49	173-174	Professors, teachers and educational clerks.	46	4	1	..	..	..	..	..	2	..	..	2
50	175-179	Scribes, architects, authors, editors, music composers, &c.	55	3	1	..	..	..	..	..	1	1	..	4
		IX.—PERSONS LIVING PRINCIPALLY ON THEIR INCOME.												
51	180	Persons living on rent, watans, pensions, &c.	226	8	5	2	..	7	..	..	15	..	2	16
		X.—DOMESTIC SERVICE.												
52	181-183	Cooks, doorkeepers, grooms, motor drivers, &c.	473	46	4	1	..	2	..	..	11	3	1	10
		XI.—INSUFFICIENTLY DESCRIBED OCCUPATIONS.												
53	184	Manufacturers, businessmen unspecified.	23	1	1	..	..	..	..	..	3	..	..	2
	185	Cashiers, accountants, clerks otherwise unspecified.	334	28	9	2	..	4	..	..	12	3	..	12
	186	Mechanics otherwise unspecified	116	18	..	..	..	..	..	..	6	1	.	1
	187	Labourers and workmen otherwise unspecified.	1,376	92	10	3	..	..	..	..	18	8	..	18
		XII.—UNPRODUCTIVE.												
54	188	Inmates of jails, asylums, hospitals and alms houses.	2	..	..	..	..	..	..	..	.	..	..	..
55	189	Beggars and vagrants	247	26	3	..	..	..	..	..	8	..	1	1
	190	Procurers and prostitutes	9	..	..	..	..	..	..	..	..	..	..	..
	191	Other unclassified unproductive occupation.	..	..	..	..	..	..	..	..	..	..	..	..
		Children and others following no occupation.	19,523	939	69	14	..	22	1	..	937	19	7	120
		TOTAL ..	27,312	1,565	147	25	..	60	1	..	1,099	61	15	252

* Excluding intervening numbers in preceding columns.

—concluded.

OCCUPATIONS in 1928—*concluded.*

DEATH.										Population by the Census of 1921 (*Vide* City Table VII-1.)		
86-98.	109A.	111-116	99-118*.	120	119-133	155-163	164-186					
Disease of the Respiratory System.	Hernia.	Disease of the Liver.	Other Diseases of the Digestive System.*	Bright's Disease.	Other Diseases of the Urinary System.	Suicide.	Accidents.	All other Causes.	Death-rate per 1,000 of actual workers by the Census of 1921.	Actual Workers.	Dependants	Number of Group.
43	..	5	12	1	1	2	2	40	8·6	15,298	15,971	121—122
38	..	2	8	4	1	2	4	40	13·3	8,705	9,986	123—128
62	1	..	6	4	2	2	10	61	16·6	10,137	6,589	129—130
138	1	5	8	3	2	8	10	143	12·5	29,341	21,746	131—139
35	..	3	2	2	1	..	1	19	13·4	6,203	6,939	140—143
11	..	..	1	..	..	1	..	7	98·7	233	240	144—146
12	..	1	1	.	..	1	1	5	11·2	2,054	1,712	147
11	..	..	1	1	..	1	1	7	8·6	3,253	3,072	148—150
1	..	..	..	..	..	..	..	2	15·9	188	265	151
102	1	6	11	5	2	2	9	57	7·1	33,633	32,677	152—153
34	..	2	5	1	..	..	..	25	29·2	2,636	2,332	154
4	..	..	..	..	..	..	..	1	1·3	6,186	1,344	155—156
.	..	..	..	..	..	..	..	..	....	14	14	157
..	..	..	1	..	..	..	..	..	....	..	5	158
22	1	1	2	..	1	..	3	16	18·3	3,230	3,707	159—160
5	..	1	1	2	..	..	..	4	2·0	10,373	8,891	161—164
19	..	..	4	..	..	..	..	24	21·9	2,646	2,392	165
18	..	..	1	..	..	..	..	17	37·8	900	272	166
7	.	1	..	..	..	..	..	4	52·0	250	93	167 - 168
6	..	..	..	1	..	..	..	5	12 8	1,097	2,293	169—170
3	1	1	1	1	..	..	..	10	13·5	1,997	2,724	171
3	..	1	..	..	..	1	1	9	13·0	1,227	1,070	172
16	..	..	2	1	2	..	..	16	12·1	3,598	4,101	173—174
17	.	1	3	3	1	..	4	16	11·8	4,647	4,406	175—179
45	1	3	11	10	6	1	4	90	54·1	4,180	6,674	180
155	3	7	19	15	3	9	24	161	11·1	42,555	17,946	181—183
3	..	1	2	2	1	..	..	7	6·6	3,459	5,578	184
121	..	4	28	7	2	5	9	92	7·5	44,966	49,591	185
46	..	3	5	2	..	..	5	29	98·9	1,173	1,093	186
619	1	11	46	9	1	9	90	441	8·8	155,872	72,797	187
1	..	..	..	..	..	..	..	1	3·0	654	1,328	188
64	..	..	27	7	..	1	18	91	59·9	5,790	811	189
5	..	..	1	..	..	1	1	1	2·9	3,099	915	190
..	..	..	..	..	..	..	..	..	....	8	29	191
7,405	16	107	792	106	58	38	264	3,619	....	.....	458,945	....
10,468	43	198	1,128	209	97	93	562	11,303	23·2	1,175,914		..

TABLE of VACCINATION OPERATIONS performed in the City of Bombay in the year 1928.

Ward.	SECTION.	Estimated Population in the Middle of the year 1928.	Number of Depôts in each District.	Number of Vaccinators in each District.	Number of persons Vaccinated (including Primary and Re-vaccinations).			Primary Vaccination.								Percentage of successful primary vaccinations whose results were known.	Number of Re-vaccinations.	Persons successfully vaccinated per 1,000 of population.	Average annual number of persons successfully vaccinated during the past 5 years.		Average annual number of deaths from Small-pox during the preceding 5 years.	
								Total.			Successful.											
					Males.	Females.	Total.	Males.	Females.	Total.	Under one year.	Between one and six years.	6 years and above.	Total.	Unknown.		Total.		Number.	Ratio per 1,000 of population.	Number.	Ratio per 1,000 of population.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
A	Upper Colaba	3,714	1		270	246	516	237	206	433	309	100	1	410	19	99·0	83	17·0	330	14·0	8	0·0
	Middle and Lower Colaba.	20,103																			1	0·4
	Fort, South	4,547	1	1	735	403	1,138	289	308	597	435	142	1	578	16	99·0	541	15·0	481	12·0	12	0·0
	Fort, North	34,101																				0·4
	Esplanade	15,434			7,896	2,097	9,993	142	184	326	155	84	1	240	86	100·0	9,667	16·0	148	9·0	8	0·5
B	Mandvi	41,656	1		173	167	340	161	162	323	206	104	...	310	12	99·0	17	7·0	301	7·0	13	0·3
	Chukla	22,794			228	215	443	222	214	436	300	118	3	421	14	99·0	7	18·0	375	16·0	8	0·3
	Umarkhadi	47,768	1	1	525	577	1,102	497	533	1,030	705	279	5	989	31	98·0	72	20·0	820	17·0	14	0·3
	Dongri	20,568			830	234	1,064	189	160	349	279	62	1	342	6	99·0	715	17·0	360	17·0	4	0·2
C	Market	37,842			448	300	748	285	256	541	332	183	5	520	17	99·0	207	14·0	392	10·0	18	0·5
	Dhobi Talao	43,982	1		900	681	1,581	359	376	735	472	217	13	702	26	99·0	846	16·0	623	14·0	34	0·8
	Fanaswadi	31,530			327	291	618	284	278	562	374	156	5	535	22	99·0	56	17·0	455	14·0	27	0·9
	Bhuleshwar	34,317		1	314	282	596	284	279	563	307	212	4	523	30	98·0	33	15·0	461	13·0	17	0·5
	Khara Talao	24,305	1		219	225	444	205	225	430	296	117	3	416	12	99·0	14	17·0	354	15·0	9	0·4
	Kumbharwada	35,181			230	246	476	227	245	472	311	152	2	466	4	99·0	4	13·0	417	12·0	11	0·3
D	Khetwadi	44,070	1		421	370	791	377	343	720	483	173	5	661	58	99·0	71	15·0	599	14 0	25	0·6
	Girgaum	38,953			514	544	1,058	398	453	851	560	242	8	810	36	99·0	207	20·0	690	18·0	27	0·7
	Chowpati	15,927		1	220	179	399	184	160	344	224	103	...	327	15	99·0	55	20·0	290	18·0	7	0·5
	Walkeshwar	22,623	1		156	140	296	104	110	214	152	50	2	204	10	100·0	82	9·0	237	10·0	4	0·2
	Mahalakshmi	45,046			407	434	841	347	398	745	521	182	1	704	40	99·0	96	16·0	613	14·0	30	0·7
E	Mazagon	40,641	2		303	334	637	261	292	553	349	169	10	528	22	99·0	84	10·0	625	15·0	11	0·3
	Tarwadi	48,017			630	421	1,051	283	316	599	436	133	2	571	28	100·0	452	12·0	606	13·0	14	0·3
	2nd Nagpada	23,779		1	194	188	382	190	184	374	251	89	2	342	28	99·0	8	14·0	253	10·0	13	0·6
	Kamathipura	49,091	1		210	345	655	284	336	620	440	131	2	573	44	99·0	35	12·0	749	15·0	31	0·7
	Tardeo	34,349			325	346	671	293	322	615	477	97	6	580	32	99·0	56	13·0	424	12·0	11	0·3
	Byculla	100,540	2		879	806	1,685	578	635	1,213	802	279	9	1,090	114	99·0	472	10·0	1,108	11·0	75	0·8
	1st Nagpada	8,350		1	95	90	185	85	87	172	124	36	...	160	11	99·0	13	19·0	111	13·0	2	0·2
F	Parel	68,871	2		579	502	1,081	456	437	893	594	235	3	832	59	99·0	188	12·0	778	11 0	29	0·4
	Sewri	34,383		1	302	320	622	283	289	572	424	108	...	532	37	99·0	50	15·0	530	15·0	5	0·2
	Sion	72,054	2		978	781	1,759	693	701	1,394	941	324	8	1,273	116	99·0	365	18·0	1,145	11·0	19	0·3
G	Mahim	58,735			1,257	907	2,164	973	885	1,858	1,158	589	14	1,761	85	99·0	306	30·0	1,452	24·0	46	0·8
	Worli	137,607	2	1	963	889	1,852	880	879	1,759	1,165	451	17	1,633	124	99·0	93	12·0	1,456	15·0	134	1·0
	Harbour, Docks, Railways, an Unknown	37,797			254	201	455	148	184	332	75	33	...	108	224	100 0	123	3·0	180	5·6	7	0·2
	Total ...	1,298,708	19	8	21,882	13,761	35,643	10,188	10,437	20,625	13,658	5,351	133	19,142	1,382	99·0	15,018	15·0	17,331	13·0	674	0·5

Yearly Return of Vaccination by the Superintendent of Vaccination, Bombay, for 1928.

Months.	PRIMARY VACCINATIONS																							RE-VACCINATIONS.		
	Sex.			Caste.					Age.					Result.										Sex.		
														Under 1 year.			1 to 6 years.			6 years and upwards.			Total results.					
	Male.	Female.	Total.	Christians.	Hindus.	Mussalmans.	Parsees.	Other Castes.	Under 6 months.	6 to 12 months.	Total under 1 year.	1 to 6 years.	6 years and upwards.	Successful.	Unsuccessful.	Unknown.	Successful.	Unsuccessful.	Unknown.	Successful.	Unsuccessful.	Unknown.	Successful.	Unsuccessful.	Unknown.	Male.	Female.	Total.
1928.																										
January ...	1,264	1,225	2,489	164	1,341	454	143	387	635	1,027	1,662	801	26	1,574	2	86	754	5	42	15	..	11	2,343	7	139	480	143	623
February ...	1,395	1,384	2,779	228	1,465	497	162	427	790	1,092	1,882	845	52	1,741	9	132	769	4	72	20	..	32	2,530	13	236	1,571	422	1,993
March ...	1,184	1,248	2,432	347	1,371	280	115	319	690	919	1,609	762	61	1,435	10	164	674	4	84	30	..	30	2,139	15	278	2,886	931	3,817
April ...	763	763	1,526	107	785	309	11	314	436	589	1,025	438	63	918	8	99	396	3	39	15	1	47	1,329	12	185	4,898	1,307	6,205
May ...	498	548	1,044	55	573	120	2	289	295	439	734	289	21	677	4	53	260	2	27	12	1	9	949	6	89	781	195	976
June ..	566	550	1,116	49	683	80	33	271	270	573	843	265	8	803	8	32	248	3	14	6	..	2	1,057	11	48	142	20	162
July ...	673	714	1,387	50	863	165	53	256	312	792	1,104	280	3	1,051	7	46	269	2	9	3	..	..	1,323	9	55	124	98	222
August ...	742	775	1,517	77	878	206	66	290	329	849	1,178	330	9	1,124	3	51	308	5	17	7	..	2	1,439	8	70	190	37	227
September...	558	546	1,104	67	614	161	41	221	233	621	854	243	7	827	5	22	235	2	6	6	..	1	1,068	7	29	86	8	94
October ...	565	636	1,201	121	661	156	22	241	253	626	879	318	4	844	4	31	296	1	21	3	..	1	1,143	5	53	214	94	308
November..	802	826	1,628	150	834	287	75	282	361	812	1,173	445	10	1,106	2	65	425	1	19	9	1	..	1,540	4	84	196	31	227
December ...	1,180	1,222	2,402	127	1,428	403	130	314	439	1,189	1,628	767	7	1,558	2	68	717	2	48	7	..	..	2,282	4	116	126	38	164
	10,188	10,437	20,625	1,542	11,501	3,118	853	3,611	5,043	9,528	14,571	5,783	271	13,658	64	849	5,351	34	398	133	3	135	19,142	101	1,382	11,694	3,324	15,018
Grand total	20,625			20,625					14,571		20,625			14,571			5,783			271			20,625			15,018		

N.B.—The statement includes vaccination performed by the Private Medical Practitioners and by the Medical Officers of the two Jails.

20

TABLE of Births registered and of Vaccinations under one year of age performed in the year 1928.

Ward.	SECTIONS	Total number of births exclusive of still-born.	Deaths under one year.	Number of Infants surviving.	Number of Infants vaccinated under one year.	Percentage of vaccinations to births registered.
A	Upper Colaba	102	28	74	322	73·7
	Middle and Lower Colaba	335	91	244		
	Fort, Southern	49	4	45	447	71·1
	Fort, Northern	580	147	433		
	Esplanade	402	71	331	160	29·8
B	Mandvi	421	153	268	216	51·3
	Chuckla	422	103	219	314	74·4
	Umarkhadi	1,210	347	863	734	60·7
	Dongri	345	97	248	283	82·0
C	Market	433	177	256	340	78·5
	Dhobi Talao	819	257	562	490	59·8
	Fanaswadi	631	187	444	387	61·3
	Bhuleshwar	603	229	374	326	54·0
	Khara Talao	526	156	370	305	58·0
	Kumbharwada	563	199	364	316	56·1
D	Khetwadi	818	223	595	501	61·2
	Girgaum	798	234	564	584	73·2
	Chowpati	351	53	298	236	67·3
	Walkeshwar	358	73	285	160	44·7
	Mahalakshmi	798	117	681	542	67·9
E	Mazagon	739	240	499	369	49·9
	Tarwadi	849	307	542	461	54·3
	Second Nagpada	478	172	306	273	57·1
	Kamathipura	880	306	574	470	53·4
	Tardeo	720	267	453	504	70·0
	Byculla	1,613	819	794	892	55·3
	First Nagpada	220	35	185	132	60·0
F	Parel	1,372	358	1,014	633	46·1
	Sewri	621	197	424	455	7··9
	Sion	1,565	434	1,131	1,034	66·1
G	Mahim	1,480	424	1,056	1,224	82·7
	Worli	2,880	823	2,057	1,257	43·6
	Harbour, Docks, Railways and Unknown	36	40	..	206	...
	Total	24,017	7,468	16,553	14,571	60·7

21

SUMMARY of Sanitary Inspections made and Sanitary Improvements secured by the S. M. Is., J. M. Is. and Medical Assistants in 1928.

	No. of Inspections, etc., by	
	S. M. Is. and J. M. Is.	Medical Assistants.
A—Nature of Inspection or premises visited.		
1. Dwelling Houses	16,803	34,916
2. Milch Cattle Stables	2,408	4,773
3. Other Stables	2,824	6,053
4. Dairies and Milkshops	6,094	4,121
5. Eating Houses	9,703	19,780
6. Markets	—	—
7. Other premises where food is sold	2,530	3,570
8. Aerated Water Works	365	208
9. Other Workshops and Factories	5,598	8,708
10. Accumulations of Refuse	3,533	6,022
11. Building Works	—	—
12. Drains and Fittings	13,152	20,375
13. Other Inspections and Inquiries	9,012	30,872
Total No. of Inspections	72,022	139,398
B—Works, etc., completed.		
1. Dwellings—		
(*a*) Limewashed	1,928	2,537
(*b*) Water supply provided	120	8
(*c*) Overcrowding abated	22	82
(*d*) Insanitary dwellings evacuated	594	823
2. Stables—		
(*a*) Paved and drained	181	146
(*b*) Cleaned and refuse removed	342	599
(*c*) License cancelled	1	—
3. Eating Houses, Dairies, etc.—		
(*a*) Regulations enforced	1,786	1,659
(*b*) Licenses cancelled	15	4
4. Factories and Workshops— Limewashing, etc., carried out	245	101
5. Drains, etc., repaired	4,458	6,155
6. Privies abolished	668	495
7. New W.Cs. provided	1,110	826
8. Accumulation of Refuse removed	1,739	2,489
9. Other Works completed	2,149	1,902
Total Sanitary Work completed	15,358	17,826

Meteorological Data (Government Observatory, Colaba), Latitude 18°-53′-36″ North, Longitude 72°-48′-56″ East.

Month.	Wind.		Temperature.						Humidity at 8 Hours.		Rainfall						
	Direction.	Mean velocity in miles per hour.	Mean Maximum Temperature.	Departure from Normal.	Highest in Month.	Mean Minimum Temperature.	Departure from Normal.	Lowest in Month.	Mean	Departure from Normal.	Total in the Month.	Departure from Normal.	Heaviest fall in one day.		Minimum fall in one day.		Number of rainy days.
													Inches.	Date.	Inches.	Date.	
1928.	°		°	°	°	°	°	°	%		Inches.	Inches.					
January	N. 44 E.	6·7	83·6	+0·8	87·3	69·4	+1·2	65·0	72	—1	0	—0·10	0	... ...	0	.....	...
February	N. 46 E.	6·0	82·4	—0·5	90·4	67·2	—1·4	59·9	71	0	0·01	—0·07	0·01	3rd	0.01	3rd	... ...
March	N. 45 E.	6·5	86·4	+0.6	91·3	73·5	+0·3	66·9	73	—1	0	—0·07	0	.....	0	.....	.....
April	N. 40 E.	6·2	90·8	+2·1	93·9	77·7	+0·3	75·0	76	+1	0	—0·05	0	.....	0	.....	.....
May	S. 76 W.	5·9	92·2	+1·4	93·8	80·5	+1·2	78·1	71	—3	0	—0·84	0	.....	0	... ...	.....
June	N. 86 W.	7·3	89·4	+1·1	94·9	78·7	+0·3	72·6	81	—1	27·71	+9·40	9·87	18th	0·01	7th	16
July	S. 73 W.	8·5	85·7	+0·3	89·7	77·0	+0·5	74·9	86	0	30·93	—6·67	4·23	3rd	0·01	9th	24
August	S. 79 W.	9·1	85·3	+0·4	87·8	76·3	+0·4	73·4	85	—1	16·65	—2·85	6·43	28th	0·01	21st	18
September	S. 6 W.	5·2	84·9	—0·4	87·4	75·1	—0·4	72·3	88	+1	9·91	—0·59	1·92	18th	0·01	6th	14
October	N. 30 E.	5·9	88·4	—0·3	95·2	76·4	+1·0	72·8	85	+3	0·43	—1·73	0·19	3rd	0·01	4th, 5th & 6th	2
November	N. 50 E.	5·0	90·9	+1·7	95·1	73·8	+1·5	70·8	76	+2	0·09	—0·32	0·07	30th	0·02	15th	.....
December	N. 48 E.	6·4	86·9	+0·5	93·4	69·5	+1·0	61·4	70	—2	0	—0·05	0	.....	0	...	... ...

INDEX

	PAGE
Administration and Divisions of the City	30
Adulteration of Food	47
Analyst, Municipal, Annual Report of	47
Appendix—Supplementary Reports and Tables	35
Area and Population	2
Arthur Road Hospital—Annual Report	37
Births and Birth-rates	2
„ by Months	2
„ „ Races	3
Causes of Deaths	4
Certificates of the Cause of Death	4
Cholera	17
Conservancy	31
Consumption	17
Deaths and Death-rate	3
„ by Months	6
„ „ Occupation	6
„ „ Sections	6
„ „ Sex and Age	3
„ —Causes of	4
„ from Principal Causes	5
Disinfection	29
Dispensaries—Municipal	29
Dogs—Destruction of	31
Epidemic Diseases	15
Food—Seizure of and Adulteration	32
Hospitals—Isolation	37 and 43
Housing	33
Infant Mortality	6
Infant Mortality—Prevention of	10
Infant Milk Depôts	12
Infant Welfare Centres	12
Infectious Diseases	15
Influenza	17
Legal Proceedings	32
Malaria, Ague and Remittent Fevers	19
Malaria—Anti-Malarial Work	19
Maratha Hospital—Annual Report	43
Maternity Homes	12
Medical Relief	29
Meteorology of 1928	12
Midwives—Municipal	10
Milk—Adulteration of	31
Milk Depôts	12
Milk Supply	31
Notices under Municipal Act	32
Notification of Infectious Diseases	15

	Page
Nurses—Municipal	10
Phthisis	17
Plague	15
Population	2
Prosecution	32
Review of the year	1
Small-pox	16
Still-births	3
Tuberculosis	17
Vaccination	16
Vaccination—Report of the Superintendent	55
Venereal Diseases	26
Water Supply	33

00133778

Digitized with financial assistance from

Government of Maharashtra

on 01 February, 2020